Vivekanand Education Society's Institute of Technology

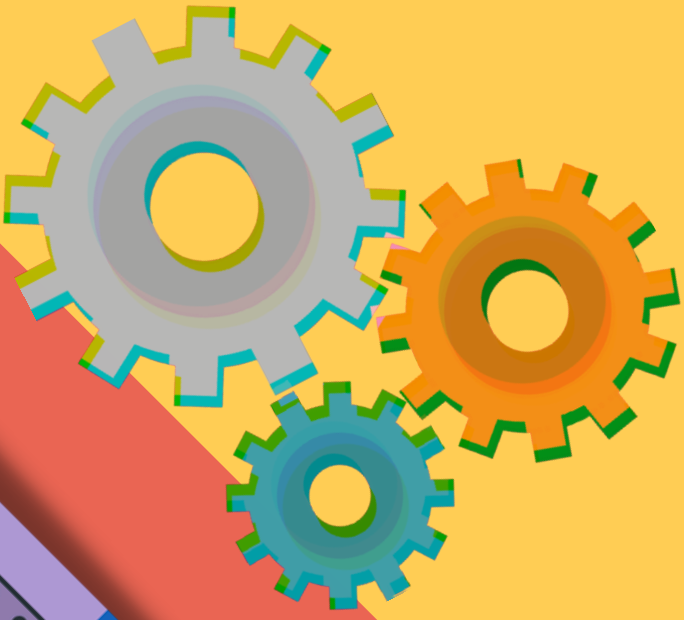
(Autonomous Institute affiliated to University of Mumbai , Approved by AICTE)

VESIT V.E.S. Since 1962

Department Of Computer Engineering

PRAKALP 2024-25

Building Tomorrow, Project by Project



PRAKALP '25

CONTENTS

PRAKALP '25

Sr. No.	Area Of Specialization	B.E.	T.E.	S.E.
1.	AI, Deep Learning & DWM	23	17	03
2.	Big Data Analytics & Machine Learning	15	14	-
3.	IoT & Robotics	-	01	01
4.	Image Processing	05	-	-
5.	Networking, Security & Blockchain	03	02	-
6.	High Performance & Cloud Computing	01	-	-
7.	Application Design & Product Development	06	19	48
	Total Projects	53	53	51

I. B.E. PROJECTS

1. AI, Deep Learning & DWM

1.1.	**Career Counselling Meet summarizer**
1.2.	**SmartWater: Revolutionizing Community-Driven Water Management with Cutting-Edge Technology**
1.3.	**SmartGuide:Chatbot for Efficient Employee Support and Document Analysis**
1.4.	**RAG (Retrieval Augmented Generation)**
1.5.	**EmergeSense: AI Powered Disaster Response System**
1.6.	**Healthcare Intelligence Platform: Integrating Databases,Language Models and Argument Mining for Advanced Medical Data Mining**
1.7.	**Financial Risk analysis Using LLM**
1.8.	**Dhaanya:AI -Powered Disease Incidence Prediction system for Paddy Plants**
1.9.	**SAfeGuard: AI Driven Child SAfety Monitoring System**
1.10.	**EcoRestore:Intelligent Zone Identification for Reforestation**

I. B.E. PROJECTS

1. AI, Deep Learning & DWM

1.11.	**ResQconnect: AI-Driven Disaster Management System**
1.12.	**LegalGenie**
1.13.	**AI-Driven Table Tennis Scoring and Ball Speed Tracking**
1.14.	**"ContentConcise: Youtube content Summarization And comment analysis"**
1.15.	**EmoScan: Real-Time Facial Analysis for Online Interviews**
1.16.	**MedLeaf: AI-based Identification and Medicinal Value Assessment of Flora**
1.17.	**"The Digital Mindscape: Leveraging Machine Learning to Understand Social Media's Effects on Human Mental Health"**
1.18.	**ToothBuddy : Remote Dental Diagnostic and Consultation System**
1.19.	**PrepAI**

I. B.E. PROJECTS

1. AI, Deep Learning & DWM

1.20.	**Crucial Need-Real time prenatal health monitoring**
1.21.	**WellMind : " AI Powered Solutions for healthier mind "**
1.22.	**"SmartServe" - AI Solutions for Restaurant Management and Customer Engagement**
1.23.	**MultiLingual customised chatbot using AI**

I. B.E. PROJECTS

2. Big Data Analytics & Machine Learning

2.1.	**FarmImpact: Impact of Climate Change on Agriculture in India**
2.2.	**Integrated Multimodal Crime Detection and Prediction system**
2.3.	**Visual Digital Twin of Medical Solutions for a specialised Gen AI Agentic ModeIt**
2.4.	**Health+ : "Your Digital Health Guardian"**
2.5.	**AeroVoice:Automatic speech Recognition for ATC Communication**
2.6.	**WellnessInsight**
2.7.	**Portfolio Optimization and Risk Management Using Advanced Quantitative Models**
2.8.	**Sign Language Recognition System For Differently Abled**
2.9.	**GameSpec Advisor**

I. B.E. PROJECTS

2. Big Data Analytics & Machine Learning

2.10	**AgriAL Leafguard: Advanced Plant Health System**
2.11.	**EnviroScan: Community and NGO Waste Solution**
2.12.	**CampusConnect: Streamlining College Placement Journey**
2.13.	**Finchores - Manage Life, Master Finances**
2.14.	**EmoVerse: Unified Music and Movie Recommendations Based on Your Facial Emotions**
2.15.	**InvestIQ: Smart Stock Market Analysis and Recommendation System**

I. B.E. PROJECTS

3. Image Processing

3.1.	**Image Analysis Using DICOM standard**
3.2.	**Detection of Face Swap in Deepfakes**
3.3.	**Silent Cue:sign Language Recognition for Deaf and Non-Verbal**
3.4.	**SmartLearn: Intelligent Learning Platform**

I. B.E. PROJECTS

4. Networking & Security

4.1.	**Drug Inventory and supply Chain Management Using Blockchain**
4.2.	**Real-time detection and mitigation of DDOS attacks using network traffic classification**
4.3	**Blockchain Based Medicine Ordering System using IVR**

I. B.E. PROJECTS

5. High Performance & Cloud Computing

5.1.	**Deploy containers as a Service Using Kubernates on Google Cloud Platform**

I. B.E. PROJECTS

6. Application Design & Product Development

6.1.	**IndiHealth:Optimizing Hospital Operations with Integrated City-Wide Healthcare Solutions**
6.2.	**MediAccess system**
6.3.	**Web3 Examination Portal**
6.4.	**FinTrack : Mater Your Money with Ease**
6.5.	**M/S SK Gurbaxani Pvt. Ltd.Construction Management System App.**
6.6.	**Agati - A Personalized Women's Safety and Empowerment App**
6.7	**EVolve Chargemates-Decentralizing EV Station Networks**

II. T.E. PROJECTS

1. AI, Deep Learning & DWM

1.1.	**AI-Powered Cyber Threat Hunting using LLAMA**
1.2.	**TrackFit : AI Powered Fitness App**
1.3.	**SmartCart - Recommendation System for Supermarket Sales**
1.4.	**Cloud Burst Prediction**
1.5.	**MapMyForest**
1.6.	**Web Application for student with Dyslexia**
1.7.	**Social Stories Generator : An LLM-based learning tool for specially-abled children**
1.8.	**Document Verification System**
1.9.	**AgileFlow**
1.10.	**Skill Check**

II. T.E. PROJECTS

1. AI, Deep Learning & DWM

1.11.	**Jetlagged: Prediction of Airline Flight Delay**
1.12.	**Homemade Harmony**
1.13.	**Pluto - Advanced Band for Autism Support**
1.14.	**BinGenius : Waste Management, Redefined**
1.15.	**AutoSlides : Generative Presentation**
1.16.	**AI Powered offline Chatbot for various purposes**

II. T.E. PROJECTS

2. Big Data Analytics & Machine Learning

2.1.	**Data Insights using Large Language Model**
2.2.	**AI based Pavement Condition Monitoring & Management System for Sustainable Urban Infrastructure**
2.3.	**MEDS - Bridging Surplus to Need, Reducing Waste**
2.4.	**AI-Integrated Terminal**
2.5.	**eTherapist : A ML based Precision and Relief System using VR**
2.6.	**RailRelax : Enhancing Train Travel Comfort**
2.7.	**RescueNow : Connecting You to Immediate First-Aid**
2.8.	**Crop Prediction System**
2.9.	**AI-Driven short and medium term Crude Oil & Carbon Black Price Forecasting**
2.10.	**LearnEase : Adaptive Learning Hub**

II. T.E. PROJECTS

2. Big Data Analytics & Machine Learning

2.11.	**Reality Check**
2.12.	**Measuring Business Success : A Metric-Driven Approach**
2.13.	**Journey Gennie : A trip planner AI**
2.14.	**Stress Detection using Machine Learning**

II. T.E. PROJECTS

3. Internet of Things & Robotics

3.1.	**Agribot**

II. T.E. PROJECTS

4. Networking & Security

4.1	**NFTBazar : A Blockchain based NFT Exchange**
4.2.	**Online Voting System**
4.3	**eVault : Enhanced Blockchain Verified Access and Unified Legal Records Technology**

II. T.E. PROJECTS

5. Application Design & Product Development

5.1.	**LeafLens**
5.2.	**Mental Health and Wellness Web-app**
5.3.	**SmartCart : Optimised Shopping Experience**
5.4.	**Prakruti Parv - Wildlife Conservation**
5.5.	**Car Rental Web Application (Car Connect)**
5.6.	**PlanItUrban : Shaping Future Together for Better City**
5.7.	**Transforming Healthcare with Personalized and Data-Driven Insights**
5.8.	**SuperVision : Project Management tool for perfect coordination**
5.9.	**Commune - Igniting ideas, Connecting teams**
5.10.	**Suraksha_Sakey - A Smart Keychain ensuring Safety for all ages**
5.11.	**SwachhHarvest**

II. T.E. PROJECTS

5. Application Design & Product Development

5.12.	**Crisis Call**
5.13.	**Generative AI for healthcare Imaging Data**
5.14.	**Holistic Wellbeing and Analysis of Emotional Intelligence**
5.15.	**PlaceNext : Gateway to Career Opportunities**
5.16.	**AI based Mental Health Support System**
5.17.	**Smart Urban Traffic Optimization for Emergency Services & Prioritization System**
5.18.	**GrowMore : Your Stock Market Companion**
5.19.	**CareSphere for Healthcare**

III. S.E. PROJECTS

1. AI, Deep Learning & DWM

1.1.	**Goal 3,4,10, 13,16**	**Sanskar AI Tutor**
1.2.	**Goal 10**	**Bridging the Gap: Our Journey into Sign Language and Inclusivity**

III. S.E. PROJECTS

2. Product Design and Development

2.1.	**Goal 3**	**Techdriven Cycling Management**
2.2.	**Goal 3,4,10**	**Parvarish**
2.3.	**Goal 3,16,17**	**Forensic Dentistry: Digital Application for Human Identification**
2.4.	**Goal 4,10**	**Enhancing Education Tracking for Slum areas: A Web App for "Samarth Bharat Vyaspeeth"**
2.5.	**Goal 1,2,4,17**	**Receipt Generator Website**
2.6.	**Goal 1,5**	**SR EchoTales**
2.7.	**Goal 11**	**RealtyGrab**
2.8.	**Goal 2,4,5,11,17**	**Enhancing Apna Shelter Foundation's online presence**
2.9	**Goal 4**	**SchoolTrack**
2.10	**Goal 3,10**	**Elderly Ease-Simplifying life for the elderly**

III. S.E. PROJECTS

2. Product Design and Development

2.11.	**Goal 1,3, 4,5,8,10**	**Single Parenting**
2.12.	**Goal 3,11,17**	**CricVerse**
2.13.	**Goal 2,4,5,11,17**	**Enhancing Apna Shelter Foundation's online presence (DM)**
2.14.	**Goal 3,9,11**	**Pharma-Sync**
2.15.	**Goal 9,11**	**Transforming Real Estate Transactions: SOBO THANE**
2.16.	**Goal 8,9,12,17**	**Digital Evolution of an Import-Export Business**
2.17.	**Goal 3**	**Lifeline**
2.18.	**Goal 8**	**Website for digital photo studio**
2.19	**Goal 8,11**	**AI-Driven Firefighter Assistant**
2.20	**Goal 2,4, 11,13,14**	**Rebuilding for Impact: A Website Revamp for Muskurate Raho Foundation**

III. S.E. PROJECTS

2. Product Design and Development

2.21.	**Goal 4,10**	**Ek Hath Maditcha**
2.22.	**Goal 8,9,11**	**Housing Hub**
2.23.	**Goal 4,5,8,10**	**EmpowerHer**
2.24.	**Goal 9,11,12**	**SmartCanteen**
2.25	**Goal 2,4,14,17**	**Website for Human Team Foundation NGO**
2.26	**Goal 3,10,13**	**Smile Horizon -Dental Clinic Management System**
2.27	**Goal 8,9**	**Maa Krupa Provision Store - Website**
2.28	**Goal 1,2,3,8**	**e-sahayata - digital transformation for social impact**
2.29	**Goal 3,4**	**Digital Transformation of Sindhu Youth Circle: Enhancing Accessibility & Engagement**
2.30	**Goal 3,8,17**	**Bridging the Digital Gap: A Website for Rupvan Golden Age Homes**

III. S.E. PROJECTS

2. Product Design and Development

2.31.	**Goal 9,11**	**Real time Bus Tracking and User experience Enhancement for NMMT buses**
2.32.	**Goal 9,11,13,16**	**MahaTowing: Digitalizing RTO and Mumbai Traffic Police Towing Operations with Technology**
2.33.	**Goal 4,10**	**GyanMarg : Educational Initiative**
2.34.	**Goal 4,10**	**Vision for All : Blind's Welfare Association**
2.35.	**Goal 11**	**RoadWatch: Citizen-Powered Traffic & Infrastructure Reporting System**
2.36.	**Goal 1,8,9,11**	**LabourNet: Connecting the Construction Industry**
2.37.	**Goal 3,16**	**ElderConnect : Bridge between old age home and vistors**
2.38.	**Goal 9,11,16**	**Grampanchayat Kon website**
2.39.	**Goal 8**	**isf-admin website**
2.40.	**Goal 8**	**Ego Premium Products pvt ltd**

III. S.E. PROJECTS

2. Product Design and Development

2.41.	Goal 8,9,12,17	Balaji Knittwell
2.42.	Goal 1,3,4, 17	CauseConnect
2.43.	Goal 8, 9, 12, 17	Press and Thread
2.44.	Goal 8,9,12, 17	FAD - A Step Towards Sustainable fashion
2.45.	Goal 3,4	Transforming Soham Foundation's Online Presence: A Step Towards Greater Outreach
2.46.	Goal 1,2	Brighter Tomorrow
2.47.	Goal 3,4,16	Swasth Bharat Yoga Kendra - SBYK
2.48.	Goal 8,11	Clean Nest

III. S.E. PROJECTS

3. IoT and Robotics

3.1	**Goal 3,11,12**	**The Smart Trash Bin for a better future.**

1. B.E. Projects

I	**B.E. Projects**
1.	**Artificial Intelligence,Deep Learning and Data Warehousing & Mining**
1.1	Unsloth PEFT based Multilingual Career Counseling Meeting Summarization with Open-Source LLMs
	Sustainable Development Goal and Number :- SDG 11 (Sustainable Cities and Communities)
Group No.: 03	
Group Members: Piyush Chugeja, Sakshi Kirmathe, Manraj Singh Virdi, Deven Bhagtani	
Mentor: Dr. Mrs. Nupur Giri	
Abstract: This project focuses on developing a sophisticated extension for Google Meet, tailored specifically for career counseling sessions. The proposed system integrates advanced speech-to-text technology with Meta's Llama 3, a state-of-the-art large language model, to facilitate comprehensive meeting management. The extension will capture and transcribe the audio from career counseling sessions, subsequently generating accurate and contextually relevant summaries. Utilizing Llama 3's natural language processing capabilities, the system will offer interactive question-answering features, enabling users to extract specific information from the meeting content effectively. Additionally, the tool will provide data visualizations to enhance the interpretability of insights and trends discussed during the sessions. This approach aims to improve the efficiency of information retrieval and decision-making processes in career counseling, leveraging recent advancements in NLP and AI.	
GitHub Repository: Link	
1.2	**SmartWater: Revolutionizing Community-Driven Water Management with Cutting-Edge Technology**
	Sustainable Development Goal and Number :- SDG 11 (Sustainable Cities and Communities)
Group No.: 4	
Group Members: Aditya Gaikwad, Ajay Iyer, Atharva Jadhav, Soham Kelaskar	
Mentor: Dr. Mrs. Nupur Giri	

Abstract: The SmartWater project leverages a microservices architecture to address the challenges of water management through community-driven reporting, real-time issue classification, and efficient resource allocation. By utilizing asynchronous messaging with Rab-bitMQ and real-time communication for user notifications, Smart-Water enhances the responsiveness of water-related services. This project analyzes the performance of key microservices, including user authentication, issue reporting, image classification (CNN-based), geolocation, and analytics services, within a Kubernetes environment. Performance metrics such as latency, throughput, resource utilization, scalability, and fault tolerance are evaluated,with optimization strategies proposed for bottlenecks like image classification and analytics. The results highlight high-performing services and provide recommendations to improve scalability and efficiency, ensuring a robust and sustainable solution for water management.

GitHub Repository: Link

1.3	**SmartGuide:Chatbot for Efficient Employee Support and Document Analysis**
	Sustainable Development Goal and Number :- SDG 11 (Sustainable Cities and Communities)

Group No.: 6

Group Members: Vedang Rathi, Johan John, Manali Patil, Shreya Hadkar

Mentor: Dr. Mrs. Gresha Bhatia

Abstract: The Autonomous HR Chatbot is an intelligent AI-powered solution designed to streamline HR-related queries and enhance employee support within organizations. Utilizing cutting-edge deep learning and natural language processing techniques, the chatbot automates responses to common HR inquiries, including payroll, benefits, leave policies, and company guidelines. It features robust document processing capabilities, enabling it to analyze, summarize, and extract relevant information from uploaded documents. The system is designed for scalability, supporting multiple concurrent users while maintaining efficient response times. Additionally, it integrates authentication mechanisms to ensure secure interactions and employs a structured knowledge base for improved query resolution. By automating HR support, the chatbot enhances operational efficiency, reduces workload for HR personnel, and ensures accurate, real-time assistance for employees.

GitHub Repository: Link

1.4	**RAG (Retrieval Augmented Generation) For Railways**
	Sustainable Development Goal and Number :- SDG 9 (Industry,Innovation & Infrastructure)
Group No.: 07	
Group Members: Aryan Raje, Arya Raje, Ishita Marathe, Prasad Lahane	
Mentor: Dr. Mrs. Gresha Bhatia	
Abstract: This project, titled "Retrieval-Augmented Generation (RAG) for Railways," explores the application of RAG technology to enhance railway information systems, specifically for Konkan Railways. RAG combines information retrieval techniques with large language models (LLMs) to generate accurate and contextually relevant responses to natural language queries. This project addresses the limitations of traditional railway apps, which often require users to manually navigate complex menus and schedules. By leveraging natural language processing (NLP), users can query the system conversationally and receive real-time train schedules and route information. The system is built using an external knowledge base of railway data, vectorized through NLP techniques, enabling efficient search and retrieval. The augmented data then powers the LLM to generate precise responses. This project holds significant technological and social relevance, providing a user-friendly interface for both regular commuters and tourists, and promoting seamless travel experiences.	
GitHub Repository: Link	
Papers published 1 and 2 :- Link	
1.5	EmergeSense: AI Powered Disaster Response System
	Sustainable Development Goal and Number :- SDG 11 (Sustainable Cities and Communities), SDG 13 (Climate Action)
Group No.: 08	
Group Members: Amit Murkalmath, Rishi Kokil, Ilham Syed, Pavan Thakur	
Mentor: Dr. Mrs. Gresha Bhatia	
Abstract: The increasing frequency and severity of natural disasters necessitate the development of more efficient and effective response systems. The "AI Powered Disaster Response System" aims to leverage cutting-edge Artificial Intelligence technologies to enhance the preparedness, response, and recovery phases of disaster	

management. This system integrates real-time data collection, predictive analytics, and automated decision-making to provide timely and accurate information to emergency responders and affected communities. By utilizing machine learning algorithms and big data analytics, the system can forecast potential disaster events, optimize resource allocation, and streamline communication channels during crises. This innovative approach not only aims to reduce the response time and operational costs but also strives to minimize human suffering and loss of life during disasters. Through the integration of AI, this project seeks to set a new standard in disaster management and response, ensuring a safer and more resilient future for communities worldwide.

GitHub Repository:Link

Papers published 1 and 2 :- Link for Paper 1

Awards & Laurels: Aavishkaar 25 Finalists

1.6	Healthcare Intelligence Platform: Integrating Databases,Language Models and Argument Mining for Advanced Medical Data Mining
	Sustainable Development Goal and Number :- 3 : Good Health and Well Being

Group No.: 10

Group Members: Kavish Punjabi, Aryan Hinduja, Harsh Chandiramani, Akshita Bathija

Mentor: Dr. Mrs. Sujata Khedkar

Abstract: The increasing volume of online medical reviews offers a valuable resource for understanding patient experiences and improving healthcare services. However, effectively extracting actionable insights from these unstructured texts requires sophisticated techniques. In this research, the proposed system explores the application of argument mining to medical reviews by combining review datasets from the UCI repository and constructing a graph database for structured representation. Advanced large language models (LLMs), including LLaMA 3, were utilized for annotating arguments within the dataset. Prompt engineering techniques were employed to guide the LLMs in identifying and categorizing key argumentative components, such as claims, premises, and conclusions. By integrating a graph-based approach, the proposed system further enhanced the relational understanding between arguments, enabling more meaningful insights into patient concerns and healthcare outcomes. This study demonstrates the potential of argument mining combined with LLM-based annotation and graph databases to improve the analysis of

medical reviews, paving the way for better decision-making in patient care.	
GitHub Repository: Link	
Papers published 1 and 2 :- Link for Paper 1	
1.7	Financial Risk analysis Using LLM
	Sustainable Development Goal and Number :- 8. Decent Work and Economic Growth
Group No.: 11	
Group Members: Srushti Sambare, Tasmiya Khan, Purtee Mahajan, Ketaki Nalawade	
Mentor: Dr. Mrs. Sujata Khedkar	
Abstract: Financial risk analysis is an essential area of corporate decision-making, involving the assessment of various data sources for the identification of likely risks. This project, Financial Risk Analysis Using LLMs, investigates the use of Large Language Models (LLMs), such as Gemini, in financial and corporate risk assessment. The project utilizes corporate data sources such as Corporate Earnings Calls, Annual Public Reports, Environmental, Social, and Governance (ESG) reports, and News for the extraction and analysis of risk-oriented insights. Through risk assessment automation using LLMs, the project seeks to simplify the evaluation process, minimizing time wastage while raising the accuracy and completeness of risk reporting. The insights extracted are aggregated into an integrated risk report that provides a cohesive perspective of a firm's risk exposure. The efficiency of financial risk management is enhanced through this method while helping stakeholders make better strategic decisions.	
GitHub Repository: Link	
Papers published 1 and 2 :- 4 Papers accepted at International Conference on Science, Technology, Engineering and Mathematics for Sustainable Development (ICSTEMSD 2025) 1. Financial and Corporate Risk Analysis Using Large Language Models (LLMs) 2. Metadata Extraction from Legal Contracts using Large Language Models 3. Annual Public Report Analysis Chatbot using LLM 4. AI Driven Investment Insights Using ESG Prediction Models	
Awards & Laurels: 1. HABITia's Pitch Perfect, organized by the HABIT Foundation Incubation Center, VES Trust - Second Prize	

2. Best Paper Award - Financial and Corporate Risk Analysis Using Large Language Models (LLMs)	
1.8	Dhaanya:AI -Powered Disease Incidence Prediction system for Paddy Plants
	Sustainable Development Goal and Number :- Life On Land, 15
Group No.: 13	
Group Members: Amogh Inamdar, Attreyee Mukherjee, Saumya Tripathi, Yashodhan Sharma	
Mentor: Dr. Sharmila Sengupta	
Abstract: Agriculture is the backbone of rural livelihoods, yet climate change threatens its sustainability. Paddy crops, a staple food source in India, are highly vulnerable to climate-driven diseases, causing an estimated 37% annual yield loss. Globally, plant diseases contribute to $220 billion in crop losses annually, about 14.1% of total crop loss.To address these challenges, Dhaanya, an AI-powered predictive modeling system, is developed to forecast disease outbreaks in paddy crops. It focuses on major diseases like Leaf Blast, Neck Blast, Sheath Rot, and Brown Spots, leveraging machine learning models such as Random Forest Regressor, Extra Trees Regressor, LightGBM, and Gradient Boosting Machines. By integrating climate variables—temperature, humidity, rainfall, and soil conditions, including pH variations—Dhaanya uncovers patterns that enhance disease prediction. These insights enable proactive interventions, minimizing crop damage, optimizing resources, and strengthening agricultural resilience. Recent studies on soil pH dynamics further refine predictive accuracy, reinforcing Dhaanya's potential for sustainable farming impact.	
GitHub Repository: Link	
Awards & Laurels:- Industry Project in Collaboration with ARS, Lonavala	
1.9	**SafeGuard: AI Driven Child Safety Monitoring System**
	Sustainable Development Goal and Number :- 4 : Quality Education
Group No. : 14	
Group Members: Sakshi Valecha, Tanya Lilani, Vaibhavi Shetty, Chirag Mangtani	
Mentor: Mrs. Sharmila Sengupta	

Abstract: Child safety in India remains a critical issue, with existing solutions limited to basic wearable AI devices lacking comprehensive risk assessment. This research introduces "Leveraging AI for Safety of Child in Need," an integrated system combining IoT-enabled wearables, AI-driven behavioral assessment, and cloud-based real-time monitoring. The system utilizes machine learning, geofencing, and biometric sensors to track location, detect anomalies, and provide instant alerts to caregivers and authorities. By incorporating Social Quotient (SQ) and Emotional Quotient (EQ) evaluations, it enhances child safety beyond traditional tracking methods. This approach bridges the gap in child protection by delivering a fully automated, data-driven, and proactive safety framework.	
GitHub Repository: Link	
1.10	**EcoRestore:Intelligent Zone Identification for Reforestation**
	Sustainable Development Goal and Number :- Life on land - 15
Group No.: 16	
Group Members: Gayatri Vaidya, Vaishnavi Chavan, Akash Fatnani , Shreya Nalawade	
Mentor: Dr. Prashant Kanade	
Abstract: Reforestation plays a vital role in mitigating climate change, restoring biodiversity, and improving environmental sustainability. However, identifying suitable areas for reforestation and selecting appropriate plant species remain significant challenges. This study presents an intelligent system that integrates deep learning and machine learning techniques to address these challenges. The proposed approach employs Convolutional Neural Networks (CNNs) to analyze satellite imagery and identify potential reforestation zones based on land cover classification and environmental conditions. Additionally, machine learning algorithms are utilized to recommend suitable tree species or crops by considering factors such as soil composition, climate parameters, and geographical constraints. The system ensures that selected species do not pose ecological conflicts, promoting sustainable land use. By combining these features into a unified platform, this research aims to provide actionable insights for large-scale reforestation efforts, facilitating data-driven decision-making for environmental conservation and land management.	
GitHub Repository: Link	
1.11	ResQconnect: AI-Driven Disaster Management System

	Sustainable Development Goal and Number :- SDG 11: Sustainable Cities and Communities
Group No.:19	
Group Members: Sai Thikekar, Aradhya Ingle, Arya Banavali, Yash Chhaproo	
Mentor: Dr. Rohini Temkar	
Abstract: ResqConnect is an AI-driven disaster management system that utilizes real-time social media data from platforms like Twitter, Instagram, and Facebook to improve disaster prediction, response, and analysis. This paper details its full architecture, integrating multimodal data processing, real-time analytics, and visualization using advanced models (BERT, XLNet, EfficientNet, ResNet50) and a scalable pipeline (Apache Kafka, Spark, MongoDB, Elasticsearch). It identifies disaster types, severity, and public sentiment, achieving 93.66% accuracy with EfficientNet-BERT. Future plans include a web portal for Indian disaster response agencies.	
GitHub Repository: Link	
Papers published 1 and 2 :- Paper 1 Link	
1.12	LegalGenie
	Sustainable Development Goal and Number :- Peace, Justice and Strong Institutions (SDG No:16)
Group No.: 20	
Group Members: Manav Keswani, Soumil Tawde, Tanmay Chaudhary, Richita Karira	
Mentor: Dr. Rohini Temkar	
Abstract: LegalGenie is an innovative AI-driven legal tool designed to democratize legal knowledge and empower citizens. It addresses the gap between complex legal systems and everyday users by providing instant, precise, and accessible legal guidance through a user-friendly interface. Key features include document flaw detection, cost optimization, report generation, and query generation. LegalGenie aims to reduce the need for costly legal consultations for minor issues and enhance legal awareness, fostering a more informed society	
GitHub Repository: Link	

1.13	AI-Driven Table Tennis Scoring and Ball Speed Tracking
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 25	
Group Members: Sonnal Katara , Ajay Gangwan, Priyanshu Gurwani , Uday Harisinghani	
Mentor: Mrs. Vidya Zope	
Abstract: This project aims to develop an advanced table tennis detection and scoring system using computer vision techniques with OpenCV. The system is designed to track the table tennis ball in real-time, calculate its speed, and update the scores for both players. It employs template matching for table and net detection, edge and corner detection for line identification, and background subtraction for ball tracking. These techniques enable precise ball path analysis and bounce detection, creating a comprehensive and efficient sports analysis tool that integrates multiple computer vision algorithms	
GitHub Repository: Link	
1.14	"ContentConcise: Youtube content Summarization And comment analysis"
	Sustainable Development Goal and Number :- Decent Work and Economic Growth(SDG:08)
Group No.: 27	
Group Members: Anchal Sharma, Aman Kumar, Harsh Tuli, Jay Thakker	
Mentor: Mrs. Indu Dorkare	
Abstract: In the digital age, video content consumption has surged, with platforms like YouTube serving as primary sources of information, education, and entertainment. However, viewers often face challenges in extracting key insights efficiently, engaging in meaningful discussions, and navigating the overwhelming volume of comments. This paper introduces *ContentConcise*, an innovative browser extension designed to enhance the video-watching experience by providing real-time video summarization, an interactive chatbot for video-related inquiries, and a comprehensive dashboard for comment analysis. Utilizing advanced natural language processing and machine learning algorithms, ContentConcise generates concise video summaries, enabling users to grasp essential information swiftly. The integrated	

chatbot facilitates contextual conversations, answering questions related to the video content. Additionally, the comment analysis dashboard leverages sentiment analysis and topic modeling to offer actionable insights, fostering more informed viewer engagement. This paper explores the architectural design, implementation challenges, and user experience evaluation of ContentConcise, demonstrating its potential to revolutionize content consumption and community interaction on video-sharing platforms.

GitHub Repository: Link

1.15	EmoScan: Real-Time Facial Analysis for Online Interviews
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)

Group No.: 28

Group Members: Bhavika valecha,Raj Tandon,Kunal Khubchandani,Dipti Hemnani

Mentor: Mrs. Indu Dokare

Abstract: The project aims to develop a JavaScript-based system for face detection and recognition, leveraging TensorFlow.js for both browser and Node.js environments. The primary application of this system is to facilitate online interviews by utilizing real-time camera inputs. The system will incorporate several advanced features, including face recognition, face landmark detection, face expression recognition, age estimation, and gender recognition.

By combining these functionalities, the system seeks to offer a comprehensive solution for online interviews, providing interviewers with not only the ability to confirm the identity of the interviewees but also to gain insights into their emotional states and demographic information. This project explores the integration of advanced machine learning models into web-based applications, demonstrating the potential of client-side facial recognition technologies to operate efficiently without the need for server-side processing.

The anticipated outcome is a user-friendly and efficient tool that can significantly enhance the remote interview experience, offering greater accuracy and depth of information. This project also aims to contribute to the broader field of facial recognition technology, showcasing how modern web technologies can be leveraged to create powerful applications that operate seamlessly across different platforms.

GitHub Repository: link

1.16	MedLeaf: AI-based Identification and Medicinal Value Assessment of Flora
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09),Life on Land(SDG:15)
Group No.: 30	
Group Members: Kevin Patel, Sanika Hadap, Tanvi Naik	
Mentor: Dr. (Mrs.) Priya R. L	
Abstract: The identification of medicinal plants and the analysis of their benefits have significant implications for traditional medicine, agricultural development, and pharmaceutical research. This project leverages the power of artificial intelligence and computer vision to create a comprehensive system for identifying medicinal plants and analyzing their medicinal properties. By utilizing convolutional neural networks (CNNs), we aim to accurately classify various medicinal plants based on images. The system will be trained using publicly available datasets, data scraped from reliable websites, and data collected from trusted sources in the field. Additionally, the medicinal benefits will be curated from official websites, authoritative books, and verified practitioners of plant-based medicine. The project is designed to assist Ayurvedic practitioners, medicinal plant harvesters, and students by providing a reliable tool for plant identification and finding its benefits. One of the primary challenges addressed in this project is the management and accuracy of a large training dataset to ensure high precision in plant identification and finding its benefits**.**	
GitHub Repository: Link	
1.17	"The Digital Mindscape: Leveraging Machine Learning to Understand Social Media's Effects on Human Mental Health"
	Sustainable Development Goal and Number :- Good Health and Well-being(SDG:03)
Group No.: 35	
Group Members: Aryan Manghi, Prasad Chaudhari, Devyaansh Razdan	
Mentor: Prof. Mannat Doultani	
Abstract: "The Digital Mindscape: Leveraging Machine Learning to Understand Social Media's Effects on Human Mental Health" is an innovative project designed to analyze and understand the relationship between social media usage and mental	

health outcomes. Utilizing advanced machine learning techniques, this platform examines extensive datasets from social media and mental health surveys to identify critical patterns and correlations. A key feature of this project is the integration of a chatbot that provides personalized mental health recommendations, tailored to individual user interactions. This ensures users receive relevant and actionable advice to support their mental well-being. By addressing the mental health challenges associated with social media use, this project aims to mitigate negative impacts and enhance positive outcomes. Through these comprehensive and user-centric features, this project offers valuable insights and practical solutions to improve mental health in the digital age.	
GitHub Repository: Link	
1.18	ToothBuddy : Remote Dental Diagnostic and Consultation System
	Sustainable Development Goal and Number :-03 Good Health and Well-Being
Group No.: 36	
Group Members: Mohit Patil, Pranav Rane, Mahendra Girase, Amisha Chandwani	
Mentor: Prof. Mannat Doultani	
Abstract: This project aims to develop an app for detecting external dental problems through image analysis using machine learning (ML). The system will use image processing techniques to identify common dental issues like Gingivitis, Ulcer, Caries, Calculus etc. A dedicated app allows users to scan their oral area, and the integrated ML model will diagnose potential issues. Based on the diagnosis, users will receive auto generated report for further consultation. The app also enables users to book appointments for in-person checkups or consult dentists online via chat or video calls.	
GitHub Repository: Link	
1.19	PrepAI
	Sustainable Development Goal and Number :- 04 Quality of education
Group No.:37	
Group Members: Dinesh Ubrani, Aanchal Dayaramani, Ujwal Gangwani, Pratham Karia	
Mentor: Prof. Mrs. Pallavi Gangurde	

Abstract: PrepAI is an AI-based mock interview system designed to enhance interview readiness for job candidates and students. It offers realistic practice scenarios with tailored questions, standardized interview formats, and a detailed scoring rubric. The system provides actionable feedback to help users improve their skills and confidence. It uses Generative AI, React, Next.js, and PostgreSQL to create a dynamic, customizable learning environment. Future plans include integrating facial and hand gesture recognition for enhanced evaluation.	
GitHub Repository: Link	
1.20	Crucial Need-Real time prenatal health monitoring
	Sustainable Development Goal and Number :- 03 Good Health and Well Being
Group No.: 38	
Group Members: Vanshika Lalwani, Madhura Gaval, Kalpana Gurnani, Prerna Banswani	
Mentor: Mrs. Nusrat Ansari	
Abstract: Continuous fetal heart monitoring is essential for maternal and fetal well-being, as periodic clinic visits may miss transient irregularities. To address this, we propose a wearable device for real-time, non-invasive fetal heart rate tracking. Designed for comfort, it allows expectant mothers to monitor fetal health seamlessly. Integrated AI detects anomalies for early warnings, while wireless connectivity enables instant data access via application. This innovation enhances prenatal care, empowers mothers with health insights, and supports proactive medical decisions, improving pregnancy outcomes.	
GitHub Repository: Link	
1.20	WellMind : " AI Powered Solutions for healthier mind "
	Sustainable Development Goal and Number :- 03 Good Health & Well Being
Group No.: 40	
Group Members: Ayush Balwani,Anmol Gyanmote,Prathamesh Jawale,Manav Vishwakarma	
Mentor: Dr. Mr. Dashrath Mane	

Abstract: This research addresses the urgent concern of student mental health by innovatively implementing an efficacious chatbot intervention. The primary focus is on delivering accessible and personalized support, adopting a mixed-methods approach that combines quantitative insights from pre-intervention and post-intervention mental health assessments with qualitative perspectives gathered through user interviews. The dataset, sourced from Kaggle and GitHub, contains authentic conversations between healthcare providers and patients, grounding the project in real-world scenarios. Leveraging Visual StudioCode, ReactJS, Vite, SCSS, and Dido for chatbot training, keyframes are strategically applied to integrate these technological components seamlessly.	
GitHub Repository: Link	
1.21	"SmartServe" - AI Solutions for Restaurant Management and Customer Engagement
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 41	
Group Members: Vishakha Mangtani, Ketan Paryani, Ruchir Jain	
Mentor: Mrs. Yugchhaya Galphat	
Abstract: SmartServe is an integrated platform designed to revolutionize restaurant management and customer interaction by streamlining bulk ordering, feedback collection, and customer service through AI-powered chatbots. The platform allows users to place large orders across multiple restaurants, receive tailored quotations, and compare options, simplifying the process for events or gatherings. Through the use of unique QR codes, customers can provide real-time feedback, which is analyzed using Natural Language Processing (NLP) techniques to generate actionable insights for restaurants. Additionally, SmartServe includes an intelligent chatbot that automates customer inquiries and provides personalized recommendations, enhancing user experience and operational efficiency	
GitHub Repository: Link	
1.23	MultiLingual customised chatbot using AI
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)

Group No.: 42	
Group Members: Karan Nagpal, Pratham Nathani, Amaan Rudhanpura	
Mentor: Sujata Khandaskar	
Abstract: This project outlines the creation of an advanced chat application that enhances communication in regional languages using AI-driven technologies. The application will feature a multilingual chatbot and a voice assistant, enabling users to interact seamlessly in their preferred language, whether through text or speech. It will play a pivotal role in enabling the chatbot to understand and respond accurately to user queries in various regional languages, as well as in the development of tools for videos and images based on user input. These AI-driven multimedia features will cater to users who prefer visual communication or require assistance. Additionally, AI will be employed to ensure robust privacy and data security, advanced data management capabilities. By integrating these AI-powered features into a user-friendly interface, the application aims to promote linguistic diversity and inclusion, empowering users to communicate effectively in their native languages while leveraging the latest digital communication tools.	
GitHub Repository: Link	
2.	**Big Data Analytics and Machine Learning**
2.1	FarmImpact: Impact of Climate Change on Agriculture in India
	Sustainable Development Goal and Number:- 13. Climate Action
Group No.: 5	
Group Members: Vishakha Singh, Manasi Sharma, Anushka Shirode	
Mentor: Dr. Gresha Bhatia	
Abstract: Maharashtra is a key contributor to India's agricultural sector, with its productivity heavily influenced by climatic and environmental factors. This study examines the relationship between crop yield, production, and critical variables such as temperature, rainfall, irrigation, and nutrient consumption using data from 1966 to 2023. Correlations between yield, production, and factors like weather, fertilizers, and soil nutrients are analyzed. SHAP (SHapley Additive exPlanations) identifies the most influential factors, while the Apriori algorithm uncovers associations between agricultural attributes. For forecasting, machine learning models—RFR (Random Forest Regressor), SVR (Support Vector Regressor), and GBR (Gradient Boosting Regressor)—are compared, with GBR emerging as the best. STL (Seasonal and Trend	

decomposition using Loess) is applied to GBR's time series data to reveal trends and seasonal patterns. This comprehensive approach provides actionable insights for enhancing agricultural productivity and sustainability in Maharashtra.	
GitHub Repository: Link	
Papers published 1 and 2 :- Published Paper	
2.2	Integrated Multimodal Crime Detection and Prediction system
	Sustainable Development Goal and Number :- Goal 16: Peace, Justice and Strong Institutions
Group No.: 9	
Group Members: Ketaki Sahasrabudhe, Anagha Kulkarni, Sairaj Deshpande, Chengalva Sai Harikha	
Mentor: Dr. (Mrs.) Sujata Khedkar	
Abstract: Large Language Models (LLMs) have emerged as forefront technologies capable of performing various natural language processing tasks, including language generation, translation, summarization, and answering human-centred questions. Data from national crime statistics, law enforcement reports, and sociological studies indicate marked increases in violent crime, cybercrime, property offences, and drug-related incidents. Due to the rising complexity of crime, effective crime detection and prediction have become critical areas for implementation. Taking advantage of advanced technologies, such as machine learning and Natural Language Processing, can enhance law enforcement's ability to identify crime patterns, forecast potential hotspots, and allocate resources more efficiently. LLMs have demonstrated exceptional promise across different modalities. Based on our analysis of 15 referenced papers, the best-performing models for each modality are BERT (99.45%) for text, GPT-4 (96.23%) for cyber intelligence, tiny LLMs (80%) for social media, and GPT-3/BERT (97%) for real-time applications. For video-based analysis, LLaVA is a strong candidate due to its multimodal reasoning, though its quantitative accuracy in crime detection is yet to be fully benchmarked. Similarly, Whisper excels in audio transcription, providing high-fidelity speech-to-text capabilities for processing crime-related audio data. These models can analyze vast amounts of textual, auditory, visual, and multimodal data to identify patterns, make forecasts, and detect criminal activity. By fine-tuning these models on domain-specific datasets, they outperform traditional rule-based systems and conventional machine learning models, which often struggle with contextual understanding and adaptability.	
GitHub Repository: Link	

2.3	Visual Digital Twin of Medical Solutions for a specialised Gen AI Agentic Model
	Sustainable Development Goal and Number :- **Good Health and well being , 3**
Group No.: 12	
Group Members: Kinjala Ahuja , Taufique Ansari , Devangana Barua , Dipanshu Ghime	
Mentor: Dr. Sharmila Sengupta	
Abstract: In the healthcare domain, realistic visual representations are essential for medical education, patient communication, and product demonstrations. This project aims to develop an advanced image generation system that creates human-centric visuals incorporating healthcare elements, including external medical devices and clinical environments. The system will support various applications, such as medical education and training, patient awareness, product visualization for medical devices, and research on human-device interaction. By utilizing state-of-the-art generative techniques, this solution enhances medical visualization, improving learning, engagement, and communication within the healthcare ecosystem.	
GitHub Repository: Link	
2.4	Health+ : "Your Digital Health Guardian"
	Sustainable Development Goal and Number :- Good Health and Well-being(SDG:03)
Group No.: 23	
Group Members: Vidisha Jadhwani,Riddhi Labde, Priti Shamnani,Nikhil Makhija	
Mentor: Dr. Dashrath Mane	
Abstract: Traditional hospital-based assessments for early disease detection can be time-consuming and may lead to delays in diagnosis. This study introduces a machine learning-driven system for lung cancer prediction using medical imaging and Parkinson's disease detection through voice analysis. The model evaluates lung cancer risk by analyzing CT scan images, while analyzing vocal biomarkers to identify early signs of Parkinson's. By leveraging an evolving medical dataset, the system provides real-time risk assessments and actionable health insights. A web-based interface enhances accessibility, particularly benefiting individuals with limited	

healthcare resources. This approach improves early diagnosis, reduces unnecessary clinical visits, and supports timely medical intervention, ultimately enhancing disease prevention and patient outcomes.	
GitHub Repository: Link	
2.5	AeroVoice: Automatic speech Recognition for ATC Communication
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 31	
Group Members: Dhruva Chaudhari, Preethika Shetty, Anurag Shirsekar, Sneha Tanna	
Mentor: Mrs.Lifna C.S	
Abstract: AeroVoice: an innovative system developed for applying ASR in Air Traffic Control communications. Conventional manual transcription and analytical techniques prove insufficient in dealing with the demands of real-time operations and have other drawbacks in light of the increasing complexity and volume of aviation exchanges. Due to Automatic Speech Recognition (ASR) and Natural Language Processing (NLP) in AeroVoice, ATC voice signals can now be transcribed and analysed with high accuracy and efficiency. Flight orders and callsigns, runway assignments and information about departures from normal operations can be identified and extracted by the system. The above processes are automated in AeroVoice, which enhances the awareness of the controllers and pilots, as well as reduces cognitive load and contributes to safety operations. The advanced algorithms are invoked in AeroVoice for different accents, noise levels, or pacing making it an effective and possible solution in the future of aviation voice communications. The research explores AeroVoice's technical design, observes its efficiency in different working conditions, and outlines enhancements to enhance the system's accuracy and validity.	
GitHub Repository: Link	
2.6	WellnessInsight
	Sustainable Development Goal and Number :- 3:Good Health and Well Being

Group No.:33	
Group Members: Jiya Lund,Tisha Jeswani,Varsha Makhija,Dinky Khatri	
Mentor: Mrs. Abha Tewari	
Abstract: WellnessInsight introduces a multi-modal AI-driven skin disease diagnosis system that integrates machine learning (ML) and deep learning (DL) techniques. The system allows users to input symptoms through text descriptions, voice input, real-time image capture, and image uploads. A Random Forest classifier is used for symptom-based prediction, while CNNs and U-Net handle image classification and segmentation. Additionally, the system calculates infection percentage using pixel-based analysis, categorizing diseases as severe, moderate, or normal, and includes a healthy skin classification for cases with no disease. By leveraging deep learning, NLP, and voice recognition, this approach ensures accurate, accessible, and automated skin disease diagnosis, particularly benefiting remote areas with limited dermatological resources.	
GitHub Repository: Link	
2.7	Portfolio Optimization and Risk Management Using Advanced Quantitative Models
	Sustainable Development Goal and Number :- Sustainable Development Goal (SDG) 8: Decent Work and Economic Growth.
Group No.: 34	
Group Members: Krishnam Raja, Uzair Shaikh, Dhiren Sidhwani	
Mentor: Mrs Abha Tewari	
Abstract: Stock market allocation optimization is a key component of financial research that seeks to maximize profits while minimizing risk. This study describes a novel approach to portfolio optimization that employs the LSTM model, the ARIMA model, and Modern Portfolio Theory (MPT). The methodology involves preprocessing historical stock data, trend prediction with the ARIMA model, portfolio allocation with MPT, and dynamic optimization with LSTM to improve predictive skills. The dataset includes a broad selection of equities from several time periods, allowing for rigorous examination. The major findings emphasize the system's improved accuracy in stock prediction and risk management, demonstrating the possibility for integrating machine learning models with conventional finance ideas.This investigation contributes to the continued development of portfolio management strategies and demonstrates the efficacy of blended AI-driven	

methodologies in the financial sector.	
GitHub Repository: Link	
2.8	**Sign Language Recognition System For Differently Abled**
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.:39	
Group Members: Kunal Vishwakarma, Karan Khatri, Manav Daryani, Komal Lund	
Mentor: Mr. Sanjay Mirchandani	
Abstract: An advanced sign language detection system enhances communication for individuals with hearing impairments by integrating computer vision and deep learning techniques. A dataset of 50 banking-related sign categories, each with 50 videos, is preprocessed to handle noise and variations. Convolutional Neural Networks (CNNs) extract features, while Long Short-Term Memory (LSTM) and Gated Recurrent Units (GRU) capture temporal dependencies for accurate recognition. Comparative analysis with Random Forest and ID3 shows LSTM and GRU outperform for word and Language detection. Experimental results demonstrate high accuracy, making the system a reliable tool for improving accessibility and social inclusion.	
GitHub Repository: Link	
2.9	GameSpec Advisor
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 45	
Group Members: Ayush Gerra	
Mentor: Richard Joseph	
Abstract: The rapid growth of the gaming industry has led to an increasing demand for optimized, high-performance gaming setups. However, navigating the vast and fragmented information regarding hardware compatibility, system requirements, and emerging trends poses significant challenges for both novice and experienced gamers.	

This research paper introduces GameSpec Advisor,Link a comprehensive platform designed to simplify the process of configuring gaming systems by consolidating data, performing compatibility analyses, and offering personalized recommendations. The platform leverages advanced analytical techniques such as sentiment analysis, association rule mining, and feature correlation matrices to provide actionable insights. GameSpec Advisor aims to empower users with the knowledge and tools necessary to optimize their gaming performance, enhance inclusivity, and bridge the gap between technical jargon and user-friendly guidance.

GitHub Repository: Link

2.10	AgriAL Leafguard: Advanced Plant Health System
	Sustainable Development Goal and Number :- Life on Land(SDG:15)

Group No.: 46

Group Members: Neha Valecha ,Khwaish Shahani ,Jaitra Shahani.

Mentor: Mrs.Rupali Hande

Abstract: Agriculture faces numerous challenges, including plant diseases, pests, and environmental stressors that significantly impact crop yield and quality. AgriAL Leafguard is an advanced plant health system designed to monitor, analyze, and protect crops using a combination of cutting-edge technologies. This system integrates AI-driven disease detection, real-time environmental monitoring, and automated alert mechanisms to assist farmers in early diagnosis and effective management of plant health issues.

Utilizing computer vision, machine learning, and IoT sensors, AgriAL Leafguard continuously scans plant leaves for symptoms of infections, nutrient deficiencies, and pest infestations. By leveraging cloud-based data analytics, the system provides actionable insights, predictive analytics, and tailored recommendations to optimize crop protection strategies. The goal of AgriAL Leafguard is to enhance agricultural productivity, reduce dependency on chemical pesticides, and promote sustainable farming practices.

This innovative approach ensures timely intervention, minimizes economic losses, and contributes to a healthier and more resilient agricultural ecosystem.

GitHub Repository: Link

2.11	EnviroScan: Community and NGO Waste Solution

	Sustainable Development Goal and Number :- Life on Land(SDG:15)
Group No.: 47	
Group Members: Shamal Dhekale, Chandni Gangwani, Bhagyashree Vaswani	
Mentor: Mrs.Rupali Soni	
Abstract: Waste, particularly plastic waste, poses a major challenge to environmental sustainability, overwhelming current management systems. The integration of advanced object detection technology offers a solution by accurately detecting and quantifying plastic waste from community-reported videos or photos of dumpsters. This data-driven approach enables NGOs to optimize resource allocation for waste collection and segregation, significantly improving efficiency and reducing operational bottlenecks. Additionally, the system promotes environmental engagement through features such as event announcements, educational content, and sustainability news, encouraging active community participation. Key findings highlight improvements in NGO operations, reduced waste collection times, and increased community involvement in sustainability efforts. The implications of this technology extend to scalable solutions for both urban and rural waste management, offering an innovative approach to addressing plastic waste challenges. By merging machine learning with community action, this solution bridges the gap between technology and environmental stewardship, empowering both NGOs and communities to work collaboratively towards effective waste management.	
GitHub Repository: Link	
2.12	CampusConnect: Streamlining College Placement Journey
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.:48	
Group Members: Bhavesh Ajwani, Manav Beri, ,Param Pandey,Anurag Tripathi	
Mentor: Mr.Sanjay Mirchandani	
Abstract: The CampusConnect platform has been developed to streamline the campus placement process, enabling students to efficiently manage their entire placement journey from a single, centralized location. The system integrates features for predictive analysis and trend analysis, providing valuable insights into emerging job opportunities, career paths, and industry demands. Additionally, the platform includes a dynamic resume generator that automatically	

creates professional, and standardized resumes in a specific format, ensuring consistency, accuracy, and ease of use for students. By incorporating these functionalities, CampusConnect not only simplifies the placement process but also empowers students to make informed career decisions, enhances decision-making for placement coordinators, and optimizes student preparation for campus placements. This comprehensive solution effectively addresses the challenges associated with traditional placement methods, delivering a seamless, efficient, and highly interactive experience for students, recruiters, and placement coordinators.	
GitHub Repository: Link	
2.13	Finchores - Manage Life, Master Finances
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 50	
Group Members: Anjala Goreja, Anchal Motwani, Karan Kewalramani, Darpan Moorpani	
Mentor: Mrs Priti Joshi	
Abstract: Finchores is a dynamic and user-friendly expense tracker designed to help individuals efficiently manage their finances. Users can log income, track expenses, monitor balances, and set budgeting goals with insightful visualizations over various timeframes. The platform includes a bookkeeping function to document transactions with details like payees and payment purposes. A unique expense-splitting feature allows users to share costs seamlessly. Additionally, Finchores leverages ARIMA models for predictive analytics, forecasting income and expenses to enhance financial decision-making. It's a comprehensive tool for gaining clarity and control over personal finances.	
GitHub Repository: Link	
2.14	EmoVerse: Unified Music and Movie Recommendations Based on Your Facial Emotions
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 51	

Group Members: Hitesh Punjabi, Varsha Chhabria, Chiraag Chugh, Dhara Bhatia	
Mentor: Mrs. Priti Joshi	
Abstract: In today's fast-paced digital world, personalized recommendations have become a crucial aspect of user engagement. EmoVerse introduces a real-time emotion-based recommendation system that leverages facial emotion recognition to curate personalized content for users. By utilizing deep learning models trained on the FER-2013 dataset, our system accurately detects user emotions and dynamically suggests music, movies, or other media that align with their current mood. The proposed framework integrates Convolutional Neural Networks (CNNs) for facial emotion detection and a recommendation engine that maps emotions to relevant content. This research highlights the impact of real-time emotion analysis in enhancing user experience and demonstrates the efficiency of AI-driven personalized recommendations.	
GitHub Repository: Link	
2.15	InvestIQ: Smart Stock Market Analysis and Recommendation System
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 53	
Group Members: Sachin Kundal, Sunny Bhatia, Tarun Sharma	
Mentor: Mrs. Priyanka Shah	
Abstract: This project presents a comprehensive stock recommendation system that leverages machine learning and deep learning models to forecast stock trends and assist investors in decision-making. We employed five powerful models—XGBoost, Gradient Boosting, Random Forest, CNN, and LSTM—to analyze financial data and predict stock movements. The data pipeline includes preprocessing, feature engineering, and time-series forecasting techniques. To enhance usability, a user-friendly UI has been developed, allowing users to interact with the system and receive intelligent stock recommendations based on model predictions. This system aims to bridge the gap between complex financial analysis and accessible investment insights.	
GitHub Repository: Link	

4.	**Image Processing**
4.1	**Image Analysis Using DICOM standard**
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 17	
Group Members: Jeet Dalal, Swaraj Khadge, Manish Mulchandani, Mayuresh Sawant	
Mentor: Dr. Prashant Kanade	
Abstract: The Digital Imaging and Communications in Medicine (DICOM) standard is widely used for the management, exchange, and storage of medical images in healthcare. As the need for accurate and efficient medical diagnoses grows, the analysis of images stored in DICOM format has become increasingly crucial. This paper provides a comprehensive examination of the role of DICOM in promoting seamless communication between medical imaging systems and healthcare infrastructures. It delves into various image analysis methods suited for DICOM images, including preprocessing, segmentation, and feature extraction techniques. Additionally, the integration of machine learning and artificial intelligence to enhance image interpretation and diagnostic precision is explored. Challenges such as standardization inconsistencies, data privacy, and interoperability issues are discussed in detail. Finally, this study proposes innovative solutions that leverage DICOM's extensive metadata for improved image analysis workflows. The findings highlight the potential of combining AI technologies with DICOM to advance the accuracy and efficiency of medical image analysis.	
GitHub Repository: Link	
4.2	Detection of Face Swap in Deep Fakes
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)
Group No.: 29	
Group Members: Yashneil Ballani, Netal Bhansali, Rashika Chandwani, Bhanu Shamdasani	
Mentor: Priya R L	
Abstract: This project focuses on the detection of FaceSwap-based deepfakes, a technique where a person's face is seamlessly replaced with another using	

AI-generated manipulation. The system leverages deep learning models, including InceptionV3, EfficientNetB7, and DenseNet201, to analyze facial features and identify inconsistencies that indicate face-swapping. Preprocessing techniques such as image augmentation and normalization enhance model robustness, ensuring better generalization across different manipulations. The system is evaluated using key performance metrics to determine its effectiveness in distinguishing real from fake faces. Future advancements may include ensemble learning, sequential models, and adversarial training to improve detection accuracy against increasingly sophisticated deepfake methods.	
GitHub Repository: Link	
4.3	SilentCue: Sign Language Recognition for Deaf and Non-Verbal
	Sustainable Development Goal and Number :- Good Health and Well-Being (Goal 3)
Group No.: 49	
Group Members: Nikhil Dhanwani, Chirag Santwani, Jiya Gangwani, Soham Panjabi	
Mentor: Ms Manisha Mathur	
Abstract: Silent Cue is a hand gesture recognition system designed for deaf and non-verbal communication using American Sign Language (ASL). It utilizes OpenCV to build a custom ASL dataset, ensuring diverse and high-quality training data. MediaPipe enables real-time hand tracking by detecting 21 key hand landmarks, allowing precise gesture recognition. A Random Forest classifier, trained with Scikit-Learn, is used for fast and interpretable gesture classification. The system eliminates the need for a mouse and keyboard by enabling hands-free control, including volume adjustment, scrolling, and mouse cursor movement. Additionally, TensorFlow and CNNs are integrated for custom AI-powered gestures such as "All the Best," "Peace," "Good Morning," "Bye," and "Hi," offering personalized interactions. Silent Cue enhances accessibility by combining computer vision, machine learning, and real-time gesture control for a seamless, empowering user experience.	
GitHub Repository: Link	
4.4	SmartLearn: Intelligent Learning Platform
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure(SDG:09)

Group No.: 52

Group Members: Shrinivas Ghumare, Mayank Wadhwani, Pratik Wagharalkar, Shubham Chelani

Mentor: Mrs. Prerna Solanke

Abstract: SmartLearn: Intelligent Learning Platform is an advanced web-based system designed to improve the teaching and learning process by integrating artificial intelligence and machine learning technologies. The platform provides a dynamic environment where teachers can upload lectures, assignments, notes, and experiments, take live lectures, and conduct quizzes with unique IDs and AI-generated questions using the Google Gemini API. Students can access these resources based on their year, semester, branch, and subject. A notable feature is the use of hand gesture recognition during live lectures, enabling teachers to write and draw shapes, although the current accuracy of the machine learning algorithms used is low, with plans for enhancement. Additionally, the platform aims to introduce anti-cheating measures by removing the copy option during quizzes. Future developments will focus on improving algorithm accuracy, enhancing the platform's UI/UX design, and ensuring a secure, scalable, and efficient learning environment.

GitHub Repository: Link

5.	Networking, Security and Blockchain
5.1	Load Balancing Using Kafka for Drug Inventory Supply Chain
	Sustainable Development Goal and Number :- Good Health and Well-Being (Goal 3)

Group No.: 2

Group Members: Jesica Bijju, Sania Khan, Simran Ahuja, Sejal Datir

Mentor: Dr. Mrs. Nupur Giri

Abstract: This project investigates the optimization of Apache Kafka parameters to enhance the efficiency, scalability, and reliability of a microservices-based drug supply chain management system. The system consists of four key microservices: Hospital, Manufacturer, Transport, and Notification, each communicating via Kafka for real-time order processing, inventory updates, and delivery tracking. We analyze the impact of critical Kafka parameters, including batch size, compression type, partition count, replication factor, acknowledgment settings, and consumer fetch configurations. The study evaluates performance metrics such as message

throughput, end-to-end latency, fault tolerance, and resource utilization under different workload conditions. Experimental results demonstrate how fine-tuning Kafka configurations improves system responsiveness, ensures data consistency, and optimizes resource efficiency, making the supply chain more resilient and scalable.	
GitHub Repository: Link	
5.2	Real-time detection and mitigation of DDOS attacks using network traffic classification
	Sustainable Development Goal and Number :- Peace, Justice and Strong Institution (16)
Group No.: 22	
Group Members: Aaryan Mahadik, Pratham Shetty, Neha Lotwani, Himesh Hotwani	
Mentor: Prof. Mrs. Geocey Shejy	
Abstract: Distributed Denial of Service (DDoS) attacks pose a growing threat to network security, capable of disrupting services and causing significant losses. This project presents a real-time detection and mitigation system using machine learning-based network traffic classification. By analyzing traffic patterns, the system identifies various types of DDoS attacks—including SYN floods, UDP floods, and HTTP-based attacks—even when sophisticated evasion techniques are used. It integrates automated mitigation strategies like traffic filtering and rate limiting to protect legitimate traffic. The solution is trained and validated using real-world datasets and simulated attacks, with results demonstrating high detection accuracy, low false-positive rates, and minimal latency. The project also discusses development challenges, system limitations, and future enhancements, including the integration of deep learning for improved adaptability and scalability.	
GitHub Repository: Link	
5.3	Blockchain Based Medicine Ordering System using IVR
	Sustainable Development Goal and Number :- Good Health and well being(3)
Group No.: 44	
Group Members: Aditya Kushwaha, Lintomon Chirakkara, Chinmay Phapale,	

Vedant Talwalkar	
Mentor: Prof. Richard Joseph	
Abstract: The **IVR-based Medicine Ordering System using Blockchain** (IMOBS) allows users, especially the elderly and those in rural areas, to order medicines through simple voice calls, eliminating the need for smartphones or technical skills. The system integrates blockchain technology to ensure security, transparency, and authenticity in the medicine ordering process by recording transaction details on a secure, tamper-proof ledger. This guarantees the integrity of orders and prevents counterfeit medicines from reaching users. IMOBS enhances trust in the system while remaining accessible and user-friendly**.**	
GitHub Repository: Link	
6	**High Performance & Cloud computing**
6.1.	Deploy containers as a Service Using Kubernates on Google Cloud Platform
	Sustainable Development Goal and Number :- SDG 11 (Sustainable Cities and Communities)
Group No.: 15	
Group Members: Somnath Batra, Rishi Khathpal, Nupur Mirani, Harshita Jawaharmalani	
Mentor: Dr. Mr. M.D. Patil	
Abstract: This project focuses on deploying containers using Kubernetes on Google Cloud Platform (GCP) with Google Kubernetes Engine (GKE). It covers Kubernetes architecture, deployment strategies, and best practices to enhance performance, security, and cost efficiency. The project addresses challenges like high availability, resource optimization, and secure operations while implementing advanced techniques such as auto-scaling, CI/CD, and monitoring with Google Cloud tools. It demonstrates how GKE simplifies container management for scalable and efficient cloud-based applications.	
GitHub Repository: Link	
7	**Application Design & Product Development**
7.1	IndiHealth:Optimizing Hospital Operations with Integrated City-Wide

	Healthcare Solutions
	Sustainable Development Goal and Number :- SDG3, SDG11
Group No.: 01	
Group Members: M.Kaif Qureshi, Sarvesh Dongare, Aniket Pradhan, Parth Wande	
Mentor: Dr. Mrs. Nupur Giri	
Abstract: India's healthcare system is making strides to improve access and quality of care, but it still faces significant operational challenges. In many hospitals, outdated or manual systems for managing OPD queues result in long wait times, especially for patients in urgent need, creating frustration and inefficiency. Managing bed availability is another area where delays in admissions and discharges put a strain on resources and impact patient outcomes. The patient admission process itself is often manual and fragmented, leading to unnecessary delays and administrative headaches. On top of this, inventory management struggles with real-time tracking, causing shortages or wastage of essential medicines and supplies. Finally, hospitals often operate in isolation from broader city-wide health systems, making it harder to share patient data, coordinate care, and respond effectively to emergencies. These gaps not only slow down hospital operations but also compromise the overall patient experience.	
GitHub Repository: Link	
7.2	MediAccess system
	Sustainable Development Goal and Number :- Good Health and Well-being(SDG:03)
Group No.: 18	
Group Members: Neha Sewani, Muskan Talreja, Sumeet Verlyani, Ravi Valecha	
Mentor: Dr. Prashant Kanade	
Abstract: The MediAccess System is an advanced hospital management solution that leverages NFC technology to store and retrieve patient data efficiently. Unlike traditional smart card readers, our system integrates NFC-enabled MediAccess Cards, allowing seamless patient registration, appointment scheduling, and medical history access. This enhances hospital infrastructure, streamlines staff onboarding, and improves patient experience by reducing wait times and paperwork. The system ensures secure data handling and real-time accessibility, making healthcare operations	

more efficient and patient-friendly.	
GitHub Repository: Link	
7.3	Web3 Examination Portal
	Sustainable Development Goal and Number :- Decent Work and Economic Growth(SDG:08)
Group No.: 21	
Group Members: Sadhak Kumar, Vinesh Paralkar, Piyush Malviya, Maanas Ruchandani	
Mentor: Mrs. Geocey Shejy	
Abstract: A blockchain-based exam administration model ensures transparency, reliability, and tamper-proof grading by recording hashed answers, decision logic, and scores on a public blockchain.	
GitHub Repository:Link	
7.4	FinTrack : Mater Your Money with Ease
	Sustainable Development Goal and Number :-
Group No.: 24	
Group Members: Karuna Hotumalani ,Kashish Jadhwani,Disha Tardeja,prakash Meghani	
Mentor: Dr. Dashrath Mane	
Abstract: Fintrack is committed to creating a seamless and user-friendly experience for personal finance management. Our platform is designed to simplify the often complex process of financial planning,helping users manage their money more effectively. By utilizing artificial intelligence and advanced **data analytics, Fintrack offers personalized financial guidance tailored to each individual's unique** **financial situation.** **The platform monitors and analyzes spending habits, income patterns, and financial goals, providing** **actionable insights that help users make smarter decisions about saving, spending,**	

and investing.
Whether it's tracking day-to-day expenses or setting long-term financial objectives, Fintrack is designed
to provide real-time support and guidance. The AI-powered tools deliver tailored recommendations
based on users' behavior, empowering them to better manage their financial health. Moreover, the intuitive and easy-to-navigate interface ensures that users of all financial literacy levels
can benefit from Fintrack's features. With customizable budgets, expense tracking, and personalized
AI-driven insights, Fintrack transforms the way individuals manage their finances, giving them the
confidence to achieve their financial goals. From daily expenditure monitoring to personalized
investment advice, our platform equips users with the resources they need to take control of their
finances and plan for a financially secure future.

GitHub Repository: Link

7.5	M/S SK Gurbaxani Pvt. Ltd.Construction Management System App.
	Sustainable Development Goal and Number :-

Group No.:26

Group Members: Aditya Mangtani, Hiten Kataria, Tejas Ghodke, Malhar Pande

Mentor: Mrs. Vidya Zope

Abstract: The Construction Management System App aims to revolutionize road construction management in Maharashtra, India, by addressing the prevalent issues of communication, transparency, and efficiency. The mobile application serves as a centralized platform where all stakeholders, workers, supervisors, managers, owners, and government officials can collaborate seamlessly. The app provides real-time data sharing and monitoring capabilities, allowing for improved oversight and coordination of construction projects. Key features include effortless attendance tracking, clear task management, instant hazard reporting, and streamlined communication channels. By fostering a more transparent and efficient workflow, the app is designed to minimize delays, reduce cost overruns, and enhance safety measures, ultimately leading to the timely delivery of high-quality road infrastructure. The integration of modern development tools and methodologies

further ensures that the app is scalable, user-friendly, and adaptable to the evolving needs of the construction industry. This innovative approach promises to set a new standard for construction management, paving the way for significant advancements in road construction practices across Maharashtra.	
GitHub Repository: Link	
7.6	Agati - A Personalized Women's Safety and Empowerment App
	Sustainable Development Goal and Number :-
Group No.: 43	
Group Members: Dhruv Aswani, Praful Pradhan, Aman Sande, Rajveer Tolani	
Mentor: Mrs. Pallavi Saindane	
Abstract: Women in India face persistent security and empowerment challenges across urban, semi-urban, and rural areas, with mobility often restricted due to harassment, crime, and societal barriers. This study examines key factors influencing women's safety and empowerment, including social norms, crime prevalence, supportive structures, and technological participation. To address these concerns, this paper presents Agati, an Android application designed to enhance safety and empowerment through AI-driven alerts, location tracking, community support, and financial literacy modules. Agati leverages AI-powered risk assessments, real-time tracking, and user-driven data analytics to create a secure and supportive ecosystem. By integrating technology with social support, the app aims to bridge the gap between safety and empowerment, promoting economic independence and social confidence among women. Through continuous user feedback and data analysis, Agati evolves as a personalized, data-driven solution that fosters security and long-term empowerment.	
GitHub Repository: Link	
7.7	EVolve Chargemates-Decentralizing EV Station Networks
	Sustainable Development Goal and Number :-
Group No: 32	
Group Members: Vedant Tawade,Vedant Pawar,Soham Tawade,Nikhil Singh	
Mentor: Mrs Lifna C.S	
Abstract: The increasing adoption of electric vehicles (EVs) requires the development	

of more accessible and efficient charging infrastructures. The "EVolve Chargemates" app leverages modern technology to create a decentralized EV charging network by allowing homeowners to register their residences as EV charging stations. This app integrates real-time data, smart filters, and navigation to connect EV owners with the nearest available charging station. By utilizing advanced routing algorithms and location-based services, EVolve Chargemates helps optimize the search for charging points and streamlines the entire charging process. The app also empowers homeowners, especially those with solar panels, to monetize their excess energy by becoming EV stations without the need for additional infrastructure. Through this innovative approach, EVolve Chargemates not only addresses the shortage of public EV charging infrastructure but also encourages community participation in sustainable transport solutions. This project sets a new standard in the EV charging landscape, fostering a collaborative and eco-friendly future for urban and residential mobility

GitHub Repository: Link

2. T.E. Projects

I	**T.E. Projects**
1.	**Artificial Intelligence,Deep Learning and Data Warehousing & Mining**

1.1	AI-Powered Cyber Threat Hunting using LLAMA
	Sustainable Development Goal and Number :- Peace, Justice and and Strong Institutions (Goal No. 16)
Group No.: 01	
Group Members: Ronak Ajwani,Shreya Chhatwani,Hannan Chougle, Manit Khira	
Mentor: Dr. Nupur Giri	
Abstract: Cybersecurity threats, particularly Distributed Denial-of-Service (DDoS) attacks, pose significant risks to modern network infrastructures. Traditional detection mechanisms often struggle with scalability and adaptability, necessitating more advanced AI-driven solutions. This research explores the fine-tuning of Large Language Models (LLMs) for cyber threat hunting, specifically for DDoS detection, using the CICIDS-2019 dataset. Four state-of-the-art LLMs—Llama 3.1, Llama 3.2, Mistral, and Gemma—were fine-tuned using Low-Rank Adaptation (LoRA) to optimize classification performance while maintaining computational efficiency. The models were trained and evaluated based on key metrics, including accuracy, precision, recall, F1-score, and latency, with Llama 3.2 demonstrating the highest accuracy. The structured prompt engineering approach further enhanced the model's effectiveness in identifying network threats. The findings highlight the potential of fine-tuned LLMs in cyber-security applications, offering a scalable and adaptable AI-driven approach to real-time intrusion detection. Future research can explore deployment strategies and multi-modal data integration to further improve threat detection capabilities.	
GitHub Repository: Link	
1.2	**TrackFit : AI Powered Fitness App**
	Sustainable Development Goal and Number :- Good Health and Well-Being (Goal No. 3)
Group No.: 2	
Group Members: Piyush Nagrani,Aum Bhambhani, Karan Bhatia, Samarth Nilkanth	
Mentor: Dr. Nupur Giri	
Abstract: Traditional fitness applications often lack real-time movement tracking and form correction, relying primarily on wearables or manual logging for performance analysis. This research introduces TrackFit, an AI-powered fitness system that	

leverages computer vision and deep learning to analyze user movements and provide real-time corrective feedback without the need for external sensors. The system employs You Only Look Once version 8 (YOLOv8) for human detection and Fast Segment Anything Model (FastSAM) for segmentation, enabling precise posture and motion evaluation. A Flask-based backend processes video frames, comparing user movements with expert reference demonstrations to detect errors and deliver instant feedback. TrackFit enhances workout performance by ensuring form accuracy, reducing injury risks, and maintaining user engagement through continuous, adaptive guidance. Experimental evaluations demonstrate the system's effectiveness in improving exercise precision and promoting safer, more efficient fitness routines.	
GitHub Repository: Link	
1.3	**SmartCart - Recommendation System for Supermarket Sales**
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 4	
Group members: Ved Shirur,Aditya Joshi,Honey Kundla,Chetan Narang	
Mentor: Dr Nupur Giri	
Abstract: The emergence of e-commerce has revolutionized how consumers shop, presenting both opportunities and challenges in product discovery. The SmartCart - Recommendation System is designed to address these challenges by employing advanced clustering algorithms to offer personalized product recommendations tailored to individual customer preferences. By analyzing historical transaction data and purchase patterns, the system effectively groups similar products, allowing users to easily find items that match their interests and needs. As customers navigate a vast array of options, they often experience decision fatigue and information overload, which can lead to abandoned carts and missed sales opportunities. The SmartCart mitigates these issues by providing targeted recommendations, enhancing the overall shopping experience. Moreover, the system aids retailers in optimizing their inventory management and product placement strategies, ultimately driving sales and customer satisfaction.	
GitHub Repository: Link	
1.4	Cloud Burst Prediction

	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 05	
Group Members: Asmi Rajbha, Om Patil, Ravina Vartak,Madhura Golatkar	
Mentor: Dr. Gresha Bhatia	
Abstract: Cloudbursts are sudden, extreme weather events that are difficult to predict, often leading to severe damage and loss of life. This project develops a cloudburst prediction and alert system using advanced machine learning. Trained on historical events and validated through backtracking, the model continuously monitors real-time weather parameters to assess cloudburst risks. If a threat is detected, users receive immediate email alerts with safety precautions, ensuring timely warnings for better preparedness. By combining accurate predictions with efficient communication, the system enhances disaster management and improves public safety during extreme weather events.	
GitHub Repository: Link	
1.5	MapMyForest
	Sustainable Development Goal and Number :- Climate Action (13), Sustainable Cities and Communities (11), Life on Land (15)
Group No.: 06	
Group Members: Chinmay Desai, Atharva Deore, Gautam Rai, Shaanveer Singh	
Mentor: Dr. Gresha Bhatia	
Abstract: The project aims to develop an image analytics solution to automate tree enumeration in forest areas designated for land diversion due to developmental projects. Traditional methods are often time-consuming and error-prone. This solution leverages satellite imagery or aerial photographs to detect, count, and categorize trees, providing accurate and timely information to support decision-making. The system will include a computer vision algorithm, validation mechanisms, and user-friendly visualizations, while adhering to ethical and environmental standards.	
GitHub Repository: Link	
1.6	Web Application for student with Dyslexia

	Sustainable Development Goal and Number :- Good Health and Well-Being (Goal No. 3)
Group No.: 7	
Group Members: Juhi Birare, Samruddhi Jatkar, Aiman Dabir	
Mentor: Dr. Gresha Bhatia	
Abstract: The Web App for Dyslexic Students is an interactive learning platform that enhances personalized education through content-based filtering and assistive technologies. It provides tailored textual and video lessons with text-to-speech functionality, tracks user progress, and offers quizzes for assessment. Built with a microservices architecture for scalability, the app integrates AI-driven recommendations and an intuitive interface to improve reading comprehension, fluency, and engagement for dyslexic learners. Additionally, a handwriting analysis model is implemented that identifies letter confusions, spelling errors, and writing patterns to assist dyslexic students in improving their writing skills.	
GitHub Repository: Link	
1.7	Social Stories Generator : An LLM-based learning tool for specially-abled children
	Sustainable Development Goal and Number :- 04: Quality Education
Group No.: 08	
Group Members: Sarang Pavanaskar, Akshat Mahajan, Tanmay Maity, Mohit Vaidya	
Mentor: Dr. Sujata Khedkar	
Abstract: The proposed system presents a novel AI-driven approach to creating personalized social stories for children with autism spectrum disorder (ASD). This system integrates five key stages: text generation, image generation, audio generation, PDF generation, and video generation. By fine-tuning large language models (LLMs) such as Gemini on a dataset of over 100 social stories, the system customizes the generated stories to match each child's specific needs. To improve social understanding and behavior of a child, the system integrates multimedia elements such as images, audio, and video. This approach demonstrates how generative AI can support education for children with special needs by automating the manual process of creating social stories and providing a personalized, multi-sensory learning experience.	

GitHub Repository: Link	
1.8	Document Verification System
	Sustainable Development Goal and Number :- 16: Peace, Justice, and Strong Institutions
Group No.: 13	
Group Members: Taniya Vallecha, Nimish Chug, Meet Mattani, Darshan Khapekar	
Mentor: Dr. Prashant Kanade	
Abstract: Validify is an automated document validation system designed to enhance accuracy and efficiency in verification processes for applications such as loans, employment, and government services. The system streamlines document submission by extracting key details and cross-verifying them with user-provided form entries to identify discrepancies. In case of inconsistencies, users are prompted to make corrections before final validation. Once the verification is complete, the results are instantly transmitted to the requesting platform. The API-based framework enables seamless integration with external systems, facilitating real-time validation and ensuring a more reliable and efficient verification process.	
GitHub Repository: Link	
1.9	Agile Flow
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 15	
Group Members: Harshita Bodwani, Khushi Jeswani, Gazal Keswani ,Yash Sainani	
Mentor: Dr. Rohini Temkar	
Abstract: AgileFlow is a Dockerized agile project management tool inspired by Jira, built to streamline task tracking, sprint planning, and team collaboration. With features like issue management, roadmap views, and customizable workflows, AgileFlow enables efficient project execution. Its containerized architecture ensures easy deployment, while API support allows smooth integration with external systems, making it a reliable choice for agile teams aiming for speed, clarity, and scalability.	

GitHub Repository: Link	
1.10	**Skill Check**
	Sustainable Development Goal and Number :- Quality Education (Goal No. 4)
Group No.: 18	
Group Members: Vanshika Raheja , Samiksha Nikam, Yashkumar Sajda	
Mentor: Dr. Dashrath Mane	
Abstract: Skill Check is an innovative educational app designed for children aged 5-8, aiming to enhance engagement in early childhood education. By integrating quizzes, instructional videos, and interactive games, Skill Check leverages artificial intelligence to personalize learning experiences based on individual needs and preferences. This paper explores Skill Check's design and initial findings, demonstrating its effectiveness in improving engagement and knowledge retention among young learners. The results highlight the potential of adaptive technology to transform early education.	
GitHub Repository: Link	
1.11	Jetlagged: Prediction of Airline Flight Delay
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure (09)
Group No.: 20	
Group Members: Ved Waje,Abhirat More,Pranita Bannore,Harshita Lohana	
Mentor: Mrs. Vidya Zope	
Abstract: Flight delays and cancellations are frequent issues in the airline industry, stemming from factors such as weather conditions, technical malfunctions, air traffic congestion, and crew availability. This project focuses on developing a deep learning-based web application to identify and analyze the main causes of flight delays and cancellations. The application integrates diverse data sources, including weather reports, flight schedules, and historical delay records, to detect patterns and correlations contributing to disruptions. An advanced approach utilizing the LightGBM regressor combined with Optuna for Bayesian optimization is employed to build a highly accurate predictive model. This enables the analysis of complex	

datasets and efficient optimization of model performance. The application assists airlines in enhancing decision-making and operational efficiency. Ultimately, this project aims to improve the reliability of air travel, reduce operational costs, and contribute to the future of smart transportation systems.	
GitHub Repository: Link	
1.12	Homemade Harmony
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure (Goal No. 9)
Group No.: 31	
Group Members: Hiren Karwani, Sagar Panigrahy,Purva Israni	
Mentor: Mrs. Abha Tiwari	
Abstract: The Homemade Harmony Tiffin Service website is a fully functional online platform designed to streamline meal ordering, management, and delivery. The system allows users to browse meal plans, place orders, and make secure payments, while administrators can efficiently manage orders, update menus, and track customer requests. A key feature of the platform is the OTP-based order verification system, ensuring secure order completion by requiring an admin-verified authentication step before finalizing transactions.	
GitHub Repository: Link	
1.13	Pluto - Advanced Band for Autism Support
	Sustainable Development Goal and Number :- Good Health and Well-Being(03)
Group No.: 32	
Group Members: Sanika Ingale, Ishwari Dehadray, Nitika Nagdevani, Vedika Walhe	
Mentor: Mrs.Mannat Doultani	
Abstract: Advanced Band for Autism Support is a non-invasive wearable designed for children with Autism Spectrum Disorder (ASD) to enhance stress management and therapeutic support. It monitors heart rate, skin conductance, and body temperature to detect early signs of emotional distress, sending real-time alerts to	

caregivers for timely intervention. The device stores long-term data for tracking emotional patterns, aiding personalized therapy. Designed for comfort and ease of use, it fosters better communication between caregivers and therapists, ultimately improving the child's well-being through real-time support and data-driven insights.	
GitHub Repository: Link	
1.14	AutoSlides : Generative Presentation
	Sustainable Development Goal and Number :- Quality Education (Goal number: 4)
Group No.: 50	
Group Members: Harsh Saindane,Harsh Ahuja,Dhruv Chatrani,Joel Dias	
Mentor: Mrs Manisha Mathur	
Abstract: Auto-Slides Generative Presentation is an AI-powered platform that enables users to create interactive and informative presentations with ease. By leveraging a large language model (LLM) and data formatting techniques, it generates accurate slide content from text documents while allowing users to specify the number of slides. The platform seamlessly integrates relevant images, ensuring visually engaging presentations tailored to the provided document context. Designed for students, tutors, and teachers, Auto-Slides streamlines the presentation creation process, making it quick, efficient, and user-friendly.	
GitHub Repository: Link	
1.15	AI Powered offline Chatbot for various purposes
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 53	
Group Members: Vikalp Bora,Krish Bhatia,Priyanka Jotwani	
Mentor: Mrs. Prerna Solanke	
Abstract: In today's digital era, AI-powered chatbots play a crucial role in providing automated assistance. However, many existing chatbots rely heavily on internet connectivity, limiting their use in remote or secure environments such as military	

bases, disaster-stricken areas, or offline education settings. This project, "Offline AI Chatbot for Various Purposes Using a RAG Model," aims to develop an AI chatbot that functions offline, leveraging a locally deployed Retrieval-Augmented Generation (RAG) model. By integrating pre-fed PDFs and a fine-tuned LLaMA 2 model, the chatbot can provide intelligent responses based on both general and domain-specific queries. The system ensures reliability, efficiency, and accessibility in offline conditions while minimizing dependency on cloud-based solutions.	
GitHub Repository: Link	
2.	**Big Data Analytics and Machine Learning**
2.1	Data Insights using Large Language Model
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 09	
Group Members: Varun Budhani, Harsh Pimparkar, Yash Ingale, Prem Ghundiyal	
Mentor: Dr. Sujata Khedkar	
Abstract: In the modern era of data-driven decision-making, accessing meaningful insights from large datasets is essential for efficient analysis. This project presents a Data Insights and Visualization platform designed to simplify the process of data exploration and interpretation. The system enables users to upload datasets and interact with their data through simple queries, eliminating the need for technical expertise. It provides tailored insights and dynamic visualizations, making it easier to uncover trends, patterns, and correlations. By streamlining complex analysis tasks, the platform supports faster and more informed decision-making across various domains. The project aims to empower researchers, analysts, and business professionals by making data analytics more accessible and user-friendly.	
GitHub Repository: Link	
2.2	AI based Pavement Condition Monitoring & Management System for Sustainable Urban Infrastructure
	Sustainable Development Goal and Number :- Industry, Innovation and Infrastructure (09), Sustainable Cities and Communities (11).
Group No.: 10	

Group Members: Kushl Alve, Neelkanth Khithani, Vedang Gambhire, Jatin Navani	
Mentor: Dr. Sharmila Sengupta	
Abstract: The proposed solution "AI-based Pavement Management System for Smart City Planning" aims to address Mumbai's deteriorating pavement conditions, low walkability index, and high pedestrian fatalities by leveraging AI and image processing. The system integrates an Electronic Control Unit ECU mounted on municipal garbage trucks to capture geo-tagged video data across 24 administrative wards. The collected video footage undergoes offline processing, where advanced image processing and deep learning models are used to detect anomalies categorized into environmental, maintenance and encroachment. The extracted insights will be visualized on a dashboard accessible to BMC administrators / authorities, enabling data-driven decision-making for periodic maintenance and budget allocation. The system focuses on batch processing of video data, ensuring that detailed and accurate analysis is performed before insights are presented to municipal authorities. The project aligns with national initiatives such as AMRUT, Smart City Mission, and PUSHP Mantra, supporting India's urban sustainability goals. Key stakeholders include municipal authorities, urban planners, technology providers, and civic organizations. Integration within BMC's workflow ensures seamless task allocation and accountability while allowing for structured, data-backed maintenance planning. The anticipated benefits include improved pedestrian safety, optimized maintenance processes, reduced reliance on manual inspections, and enhanced infrastructure sustainability. By leveraging AI for offline anomaly detection and predictive analytics, the project fosters a smart, walkable, and sustainable urban environment for Mumbai.	
GitHub Repository: Link	
2.3	MEDS - Bridging Surplus to Need, Reducing Waste
	Sustainable Development Goal and Number :- Good Health and Well Being - SDG 3
Group No.: 16	
Group Members: Hemant Satam, Gaurav Gupta, Suryanarayan Panigrahy, Harsh Patil	
Mentor: Dr. Rohini Temkar	
Abstract: This project introduces a marketplace for leftover medicines, managed by an NGO in partnership with a pharmacy, to reduce waste and improve access to affordable medication. Users can sell or donate unused medicines, with dynamic pricing driven by machine learning to ensure fairness and efficiency. By addressing	

issues of pharmaceutical waste, affordability, and accessibility, the platform promotes a sustainable healthcare solution. Evaluation will focus on user engagement, transaction volume, cost savings, and the reduction of medication waste, contributing to a more efficient and environmentally responsible distribution of essential medicines.	
GitHub Repository: Link	
2.4	AI-Integrated Terminal
	Sustainable Development Goal and Number :- Industry, Innovation, and Infrastructure - Goal No. 9
Group No.: 19	
Group Members: Aditi Dubey, Riya Firke, Nupur Pathare, Parul Wanode	
Mentor: Dr. Dashrath Mane	
Abstract: The AI-integrated terminal project enhances command-line interactions by incorporating machine learning-based autocomplete and intelligent command suggestions. Built using Python for performance and efficiency, the terminal leverages a custom-trained Random Forest Algorithm model to predict and recommend commands based on user input and context. This AI-powered terminal improves productivity by reducing command lookup time and enhancing user experience with intuitive and adaptive recommendations.	
GitHub Repository: Link	
2.5	eTherapist : A ML based Precision and Relief System using VR
	Sustainable Development Goal and Number :- Good Health and Well-Being (Goal No. 3)
Group No.: 26	
Group Members: Siddhi Awari, Srushti Poriwade, Sri Haritha Movva, Ananya Paratasarathy	
Mentor: Mrs. Priya R L	
Abstract: This system offers significant benefits to individuals who prefer maintaining privacy or those who may be hesitant to openly discuss their struggles in traditional	

therapy. By providing an immersive, self-paced experience, the solution ensures that users can engage in therapy without the fear of judgment or social discomfort. The scalable nature of the platform also enables continuous access to treatment, empowering users to overcome social anxiety with convenience and greater autonomy, ultimately enhancing their overall well-being	
GitHub Repository: Link	
2.6	RailRelax : Enhancing Train Travel Comfort
	Sustainable Development Goal and Number :- 09 - Industry,Innovation and Infrastructure
Group No.: 28	
Group Members: Anisha Shanker, Himaja Pannati, Wafiya Shaikh, Anjali Thakrani	
Mentor: Mrs Lifna. C S	
Abstract: RailRelax is an AI-powered passenger density monitoring system designed to enhance commuter experience in Mumbai local trains by providing real-time insights into compartment occupancy. The system deploys ESP32-CAM modules equipped with YOLOv3 to detect and classify passenger density, continuously updating Firebase with real-time crowd data from each coach. By leveraging a distributed network of ESP32-CAMs, RailRelax ensures accurate and timely monitoring, categorizing compartments as empty, partially filled, or crowded. The model is optimized for efficiency, balancing accuracy with low computational overhead to deliver reliable crowd estimates. This real-time data empowers commuters to make informed travel decisions, improving convenience and reducing congestion in Mumbai's railway system.	
GitHub Repository: Link	
2.7	RescueNow : Connecting You to Immediate First-Aid
	Sustainable Development Goal and Number :- Good Health and Well-Being (SDG - 03)
Group No.: 29	
Group Members: Eshan Vijay, Rahul Dudani, Yash Jha, Sumeet Janyani	
Mentor: Mrs. Lifna C. S	

<table>
<tr><td colspan="2">Abstract: Emergency response is a vital element in saving lives, but one of the most significant challenges faced today is the delay in reporting and coordination between emergency services, leading to increased fatalities. Accidents often go unnoticed or are not reported in time, leaving victims without prompt medical attention.
RescueNow addresses these issues by providing a platform for real-time accident reporting and immediate alerting of emergency services such as hospitals, police, and casualty teams. Through its easy-to-use interface, RescueNow enables passersby to report accidents instantly with GPS tracking, severity ratings, and image uploads, ensuring that the nearest hospital and emergency services are notified without delay. The app integrates multiple stakeholders, allowing seamless communication, and providing real-time updates to ensure faster, more efficient emergency responses. RescueNow not only reduces response time but also optimizes collaboration between hospitals and first responders, ultimately saving lives through its comprehensive emergency management system.</td></tr>
<tr><td colspan="2">GitHub Repository: Link</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td>2.8</td><td>Crop Prediction System</td></tr>
<tr><td></td><td>Sustainable Development Goal and Number :- Zero Hunger
End hunger, achieve food security and improved nutrition, and promote sustainable agriculture.(02)</td></tr>
<tr><td colspan="2">Group No. : 40</td></tr>
<tr><td colspan="2">Group Members: Riya Lasi, Mahek Kataria, Rahul Kithani, Manish Motwani</td></tr>
<tr><td colspan="2">Mentor: Mrs Sujata Khandaskar</td></tr>
<tr><td colspan="2">Abstract: This project presents a Crop Prediction System integrated with an intelligent chatbot designed to assist farmers in selecting the most suitable crop based on soil conditions and weather parameters. Using machine learning algorithms, the system analyzes inputs such as nitrogen, phosphorus, potassium (NPK) levels, pH value, rainfall, temperature, and location to recommend the optimal crop for cultivation. The integrated chatbot provides a user-friendly interface, allowing farmers to interact conversationally, receive predictions, and get answers to common farming-related queries. This solution empowers farmers with data-driven insights, reduces guesswork, and promotes sustainable agriculture by increasing productivity and crop success rates.</td></tr>
<tr><td colspan="2">GitHub Repository: Link</td></tr>
<tr><td colspan="2"></td></tr>
</table>

2.9	AI-Driven short and medium term Crude Oil & Carbon Black Price Forecasting
	Sustainable Development Goal and Number :- Responsible Consumption and Production ; Goal - 12
Group No.: 41	
Group Members: Dipeshbhai Patel, Advay Somani, Parth Takale, Parth Udole	
Mentor: Mrs. Yugchhaya Galphat	
Abstract: The project aims to develop a predictive model for forecasting carbon black prices by integrating forecasts of crude oil and natural gas prices. Carbon black prices are significantly influenced by the costs of these raw materials, making accurate prediction of their prices essential for reliable carbon black pricing forecasts. The project is divided into two main parts: first, predicting crude oil and natural gas prices, and second, forecasting carbon black prices based on these predictions.	
GitHub Repository: Link	
2.10	LearnEase : Adaptive Learning Hub
	Sustainable Development Goal and Number :- 04 - Quality Education
Group No.: 44	
Group Members: Jiten Purswani, Laveena Mirani, Srimathi Srinivasan, Kareena Lachhani	
Mentor: Mrs Pallavi Saindane	
Abstract: LearnEase is an AI-driven adaptive learning platform that personalizes education through tailored recommendations, study schedules, and content summarization. It addresses the limitations of traditional learning by adapting to individual preferences and engagement levels. Using machine learning for dynamic assessments and quiz generation, LearnEase enhances student outcomes with real-time tracking and personalized study plans, creating a more efficient and engaging learning experience.	
GitHub Repository: Link	

2.11	Reality Check
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 45	
Group Members: Somya Jain, Simran Karamchandani, Saniya Dangat, Tanisha Pandit	
Mentor: Richard Joseph	
Abstract: Misinformation can cause public confusion, political polarization, and potential harm to public health and safety. This highlights the need for accurate identification of false news. Although fact-checking websites provide essential services, their manual processes restrict their scalability and coverage, and the data they rely on to fact-check user queries is often outdated. While numerous models currently exist, our model is designed to significantly enhance the accuracy of fact-checking while keeping it up to date. This research proposes the development of an automated, web-based fact-checking platform to address this challenge. Our solution, which is a large language model (LLM), uses a specialized, continuously updated dataset sourced from credible RSS feeds and web scraping techniques to enhance fact-checking accuracy within specific domains. The platform will feature a user-friendly interface, enabling users to submit claims and receive detailed verification results, including explanations and sources. We will evaluate and refine various models to address domain-specific challenges, aiming for a highly accurate fact-checker.	
GitHub Repository: Link	
2.12	Measuring Business Success : A Metric-Driven Approach
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 46	
Group Members: Shreerang Vaidya, Ritik Shetty, Shivam Pandey, Nickhil Shivakumar	
Mentor: Mr. Richard Joseph	
Abstract: In today's dynamic business environment, accurately measuring success is crucial for strategic decision-making and long-term growth. Traditional performance assessment methods often fall short in capturing the complexity of modern enterprises, necessitating advanced, data-driven solutions. This research explores the	

use of key business metrics to evaluate success, leveraging machine learning models to analyze financial performance, customer engagement, and operational efficiency. Four state-of-the-art models—Llama 3.1, Llama 3.2, Mistral, and Gemma—were fine-tuned using Low-Rank Adaptation (LoRA) to enhance predictive accuracy while ensuring computational efficiency. These models were trained and evaluated based on key performance indicators (KPIs) such as revenue growth, customer retention, market share, and operational costs, with Llama 3.2 demonstrating the highest predictive accuracy. A structured data-driven approach further improved insights into business performance, enabling organizations to make informed decisions. The findings highlight the potential of AI-driven analytics in business strategy, offering a scalable and adaptable approach to performance measurement. Future research can explore real-time decision-making systems and multi-dimensional data integration to further refine business success metrics.	
GitHub Repository: Link	
2.13	Journey Gennie : A trip planner AI
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.:49	
Group Members: Angad Bulani, Himanshu Menghrajani, Maanav Valecha, Vivek Menghani	
Mentor: Dr. M.D Patil	
Abstract: This paper presents Journey Gennie, an AI-driven travel itinerary assistant that integrates a virtual travel module, an AI chatbot, a machine learning-based recommendation system, and Firebase authentication. The virtual travel feature allows users to explore destinations in a 360-degree interactive mode, improving their decision-making process before finalizing trips. The AI chatbot enhances travel planning by offering intelligent, context-aware recommendations, while the machine learning model refines personalized itinerary suggestions based on user preferences and past travel history. Additionally, Firebase authentication ensures secure user login and data protection. We evaluate the system based on user engagement, recommendation accuracy, and security effectiveness. Results show that Journey Gennie significantly improves user experience, making travel planning intuitive and seamless.	
GitHub Repository:Link	
Papers published 1 and 2 :- Paper 1 Paper 2	

2.14	Stress Detection using Machine Learning
	Sustainable Development Goal and Number :- Good Health and Well-Being (Goal No. 3)
Group No.: 52	
Group Members: Jennifer Thozhuvathinkal, Aadil Shah, Mayuresh Gujare, Anusha Gonal	
Mentor: Mrs. Priyanka Shah	
Abstract: StressLens is an advanced stress detection system leveraging machine learning models trained on the WESAD dataset, a multimodal dataset capturing physiological signals from 15 subjects across stress, baseline, and amusement states. The dataset includes measurements from chest- and wrist-worn devices, covering blood volume pulse (BVP), electrocardiogram (ECG), electrodermal activity (EDA), electromyogram (EMG), respiration (RESP), body temperature (TEMP), and three-axis acceleration (ACC). StressLens integrates real-time data from wearable devices and Google Fit, enabling continuous stress monitoring and timely notifications. This proactive system aims to enhance mental health by providing accurate, real-time stress detection and personalized interventions, contributing to improved stress management and overall well-being.	
GitHub Repository: Link	
Papers published 1 and 2 :- Link	
Awards & Laurels:	
3.	**Internet of Things & Robotics**
3.1	**Agribot**
	Sustainable Development Goal and Number :- No Poverty (Goal No. 1)
Group No.: 39	
Group Members: Kedaar Kate, Darshan Kakad, Jenny Lalwani, Vansh Nenwani	
Mentor: Sanjay Mirchandani	
Abstract: The project aims to develop an IoT-based system to automate ploughing,	

sowing, farm irrigation and detection of plant diseases using Raspberry Pi and Arduino Mega. The system will employ sensors to monitor soil moisture, humidity and temperature; also a GPS module will be implemented for navigation, and a camera module for capturing plant images. These images will be sent to a server for classification using machine learning models. This integrated approach aims to optimize water usage and early detection of plant diseases, thereby enhancing crop yield and sustainability. Additionally, the system's design ensures its applicability and efficiency in controlled indoor farming environments, making it versatile and adaptable.	
GitHub Repository: Link	
3.2	**BinGenius : IOT based Bin management system**
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No : 48	
Group Members: Lokesh Ghuge, Jassimraja Mujawar	
Mentor: M. D. Patil	
Abstract: BinGenius is an IoT-driven smart waste management system designed to optimize public waste disposal and reduce littering. The system integrates ultrasonic sensors, IR sensors, and a GSM module with an Arduino Uno to monitor dustbin fill levels and detect waste discarded outside designated bins. A real-time web dashboard, built using Node.js, MongoDB, and React, provides an interactive map displaying dustbin locations, fill levels, and alerts for timely waste collection. The system ensures efficient monitoring by sending desktop notifications when a bin exceeds 75% capacity. In the absence of IoT hardware, a simulated data input module enables testing and refinement. BinGenius aims to enhance waste management efficiency in public spaces, promoting cleaner environments through smart technology.	
GitHub Repository: Link	
5.	Networking, Security and Blockchain
5.1	NFTBazar : A Blockchain based NFT Exchange
	Sustainable Development Goal and Number :- Sustainable Cities and

	Communities (Goal No. 11)
Group No.: 3	
Group Members: Rohit Shahi, Gopal Vanjarani, Umesh Tolani, Gaurav Mahadeshwar	
Mentor: Dr. Nupur Giri	
Abstract: Non-fungible tokens (NFTs) have transformed digital ownership and NFT trading. MetaBazar, proposed here, is an ERC-721-based NFT trading platform for effortless purchasing, selling, and trading of NFTs. The application of blockchain technology by the platform ensures transparency, security, and decentralization. Dynamic NFT pricing according to market demand is introduced in MetaBazar, making the digital asset valuation process more efficient. The system is crafted to enable user interactions without wallet authentication for surfing, to ensure ease of use. Moreover, MetaBazar offers a user-friendly interface for the management of assets and transaction records while ensuring on-chain proof of ownership. The solution has the objective of establishing a trustless and efficient marketplace towards building a strong digital economy for NFTs.	
GitHub Repository: Link	
5.2	Online Voting System
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.:17	
Group Members: Bhuvhan Jamwal, Gorab Dogra, Anish Angural, Aryandev Singh	
Mentor: Mrs. Geocey Shejy	
Abstract: BlockVote is a blockchain-based online voting system designed to enhance election security and transparency. It records votes as immutable blockchain transactions, preventing tampering and fraud. The decentralized nature of blockchain ensures a verifiable and trustworthy electoral process. Every vote can be tracked without compromising voter anonymity. BlockVote eliminates risks like vote rigging and manipulation. Its transparency fosters trust among voters and authorities. This system modernizes voting, making elections secure, fair, and reliable.	
GitHub Repository: Link	

5.3	eVault : Enhanced Blockchain Verified Access and Unified Legal Records Technology
	Sustainable Development Goal and Number :- 16: Peace, Justice, and Strong Institutions
Group No.: 27	
Group Members: Prashant Barai, Ammar Ansari, Sandeep Jagdale, Puneet Singh	
Mentor: Dr. Priya R. L.	
Abstract: eVAULT modernizes India's legal system by integrating Hyperledger Fabric and IPFS for secure, immutable document management. It prevents delays, errors, and tampering while ensuring transparency through cryptographic signatures and real-time updates. By streamlining judicial workflows, eVAULT enhances trust, accountability, and efficiency in legal processes**.**	
GitHub Repository: Link	
7	**Application Design & Product Development**
7.1	SkillBridgeAI
	Sustainable Development Goal and Number :- 8. Decent Work and Economic Growth.
Group No.: 11	
Group Members: Sushanth Shetty, Soham Parab, Vighnarth Nile, Atharva Sambhaji	
Mentor: Dr. Mrs.Sharmila Sengupta	
Abstract: SkillBridgeAI, a cutting-edge web-based solution that utilizes generative AI for offering customized career advice. Differing from conventional job portals, SkillBridgeAI integrates career path matching with jobseeker's skill expertise through competency testing to develop a detailed user profile. The platform conducts real-time skill gap assessment, resume tailoring, certificate management, and customized course recommendations, promoting continuous learning to connect jobseeker's existing skills to employer needs. This study enhances the emerging body of work in AI-driven career development by putting in place a comprehensive framework that tackles the whole process of job hunting, from learning to effective placement.	
GitHub Repository: Link	

7.2	**Mental Health and Wellness Web-app**
	Sustainable Development Goal and Number :- 3. Good Health and Well-being
Group No.: 12	
Group Members: Verliani Jitesh Sunil, Namneet Singh Labana, Anmol Singh Labana, Khushi Tharwani	
Mentor: Dr. M.D.Patil	
Abstract: The Mental Health and Wellness Web App is a user-friendly platform designed to promote mental well-being through mood tracking, guided meditation, self-assessment tools, and access to mental health resources. It offers personalized recommendations and encourages self-care practices, aiming to reduce stigma and enhance emotional wellness. Aligned with SDG 3: Good Health and Well-being, this project leverages modern web technologies to provide accessible, secure, and effective mental health support	
GitHub Repository: Link	
Papers published 1 and 2 :-Paper 1 Paper 2	
7.3	SmartCart : Optimised Shopping Experience
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 14	
Group Members: Ekta Chhabria, Aditya Ajith, Jay Dadlani, Om Goplani	
Mentor: Dr. Prashant Kanade	
Abstract: "SmartCart: Optimised Shopping Experience" is an innovative e-commerce platform aimed at providing a smooth and user-friendly shopping experience. The platform is being designed with essential features like a product catalog, cart management system, secure user login, and payment gateways to ensure a seamless process for both customers and businesses. The goal of SmartCart is to enhance both customer satisfaction and business operations. For customers, this means a more personalized and efficient shopping experience, while for businesses, it means being able to make informed decisions that drive growth and increase profitability. By combining user-friendly design with	

powerful data-driven insights, SmartCart aims to be a modern solution for the e-commerce industry.	
GitHub Repository: Link	
7.4	Prakruti Parv - Wildlife Conservation
	Sustainable Development Goal and Number :- 15. Life On Land
Group No.: 21	
Group Members: Toshit Durgesh Hole, Shreyas Shankar Bagwe, Jatin Dipak Hargunani, Subodh Ravindra Thalkari	
Mentor: Mrs. Vidya S. Zope	
Abstract: Prakruti Parv is a wildlife conservation initiative integrating species identification, fundraising, education, animal tracking, and poaching detection. Users access a homepage with species details, resources, and fundraising options, aiding photographers and enthusiasts unfamiliar with species. It offers downloadable PDFs for offline learning, fostering awareness and empowering conservation efforts.	
GitHub Repository: Link	
7.5	Car Connect: Car Rental And CarPool
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 22	
Group Members: Sahil Ahuja, Mohit Jeswani, Kaivalya Pail, Harsh Vidhani	
Mentor: Mrs. Vidya S. Zope	
Abstract: The Online Car Rental and CarPool System is a web application designed to streamline the car rental and CarPool process by offering a user-friendly and efficient platform. It allows users to book vehicles and personal drivers online with flexible rental options (daily, weekly, monthly). Key features include real-time booking management, detailed vehicle information, GPS integration, and multi-device compatibility. By automating traditional processes, the application enhances convenience, accessibility, and overall user experience.	

GitHub Repository: Link	
7.6	PlanItUrban : Shaping Future Together for Better City
	Sustainable Development Goal and Number :- 11 - Sustainable cities and communities
Group No.: 23	
Group Members:,Gayatri Wadhwani, Nishika Ahuja, Simran Gurdasani, Hainy Chughria	
Mentor: Prof. Mrs Indu Dokare	
Abstract: PlanItUrban is a digital platform designed to enhance interdepartmental coordination in urban governance. By facilitating seamless communication among different city departments, the platform allows for efficient project management and collaboration. Commissioners can approve or reject projects and resolve conflicts, while departments can register officers, create projects, and assign tasks. Officers are responsible for executing tasks and updating their progress. The platform aims to streamline the approval process, handle project overlaps, and ensure effective project execution, ultimately improving urban governance and fostering greater efficiency in public administration.	
GitHub Repository: Link	
7.7	Transforming Healthcare with Personalized and Data-Driven Insights
	Sustainable Development Goal and Number :- 3. Good Health and Well-being
Group No.: 24	
Group Members: Shivein kumar, Viral Somani, Kushal Sawhney, Diya Zambani	
Mentor: Assistant Prof. Mrs. Indu Dokare	
Abstract: This project aims to develop an advanced personalized healthcare system using machine learning, medical data analytics, and wearable devices. It will integrate data from various sources such as genetic information, and lifestyle factors to offer real-time, individualized healthcare recommendations. By analyzing each patient's data, including medical history and genetic predispositions, the system can predict health risks and suggest personalized preventative strategies.	

GitHub Repository: Link	
7.8	SuperVision : Project Management tool for perfect coordination
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 25	
Group Members: Yash Sharma, Vineet Chelani, Sahil Ahuja, Atharv Inamdar	
Mentor: Mrs. Indu Dokare	
Abstract: A comprehensive project management system was developed to address significant challenges related to team coordination and task management, including misaligned priorities, delayed communications, and difficulty in tracking progress. These issues resulted in inefficiencies that hindered project success. The web-based platform integrates essential features such as task assignment, progress monitoring, time management, and real-time communication tools within a unified interface. By providing a centralized approach to managing tasks and resources, the system enhances coordination, reduces delays, and improves overall project efficiency. Built with modern web technologies, it is scalable, secure, and responsive, ensuring adaptability to diverse project needs and dynamic team environments. By resolving coordination challenges, the system optimizes project outcomes and fosters more effective teamwork.	
GitHub Repository: Link	
7.9	Commune - Igniting ideas, Connecting teams
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)
Group No.: 30	
Group Members: Raheni Ajwani, Tarun Gulwani, Yash Janyani	
Mentor: Mrs Abha Tewari	
Abstract: This mini-project aims to develop a clone of the popular team communication platform, Slack. The objective is to provide a cost-effective and customizable alternative that offers essential features such as real-time messaging, channels, direct messaging, file sharing, and notifications. This project will showcase	

the integration of modern web technologies to create a seamless and efficient communication tool.
By mimicking key functionalities of Slack, this project will demonstrate an understanding of real-time communication, user authentication, scalability, and user experience design. The resulting application will cater to small teams and startups, offering a flexible and robust platform for team collaboration.The development of this Slack clone will delve into various technical aspects, including the use of WebSockets for real-time communication, secure user authentication mechanisms, and responsive user interface design.

GitHub Repository: Link

7.10	Suraksha_Sakey - A Smart Keychain ensuring Safety for all ages
	Sustainable Development Goal and Number :- 16 - Peace and Justice Strong Institutions.

Group No.: 33

Group Members: Tejas Gadge, Deepak Kumbhar, Ganesh Shelar, Vedant Mhatre

Mentor: Mrs. Mannat Doultani

Abstract: Women's safety is a significant global concern, with increasing cases of harassment and gender-based violence. Traditional safety solutions, such as mobile SOS applications and CCTV surveillance, rely on user intervention or passive monitoring, making them inefficient in real-time threat detection. This paper presents Suraksha_Sakey, an AI-driven women's safety system that integrates real-time anomaly detection, gesture-based SOS alerts, and crime hotspot mapping. The system utilizes YOLOv3 for person detection, a CNN model for gender classification, and MobileNetV2 for gesture recognition. Additionally, an IoT-enabled smart keychain with GPS tracking extends safety measures to non-surveillance areas. The system has been tested on a dataset of over 10,000 images and real-world surveillance footage, achieving 92.5% accuracy in gesture recognition and 89% in gender classification By leveraging AI and predictive analytics, Suraksha Sakhi enhances proactive crime prevention and emergency response, ensuring swift action in distress situations

GitHub Repository: Link

Papers published 1 and 2 :- Link

Awards & Laurels:
- Buzzpro 25 Winner.
- 19th Aavishkar: Inter-Collegiate/Institute/Department Research Convention

2024-25 - Finalists (Category: Humanities, Languages and Fine Arts).	
7.11	SwachhHarvest
	Sustainable Development Goal and Number :- 1 - No Poverty
Group No.: 34	
Group Members: Rohit Motwani, Mohit Advani, Santosh Hinduja, Varun Dulani.	
Mentor: Pallavi Gangurde	
Abstract: SwachhHarvest is a holistic web platform designed to support organic farming by integrating four key components: educational content, an e-commerce marketplace, distributor inventory management, and government scheme information. It educates users on sustainable farming, connects farmers and consumers, streamlines distribution, and provides financial assistance details, fostering a more accessible and sustainable organic farming ecosystem.	
GitHub Repository: Link	
7.12	Crisis Call
	Sustainable Development Goal and Number :- Good Health and Well-Being - 3
Group No.: 35	
Group Members: Vivek Venkatachalam, Gouresh Madye, Nishika Gangwani, Vaishnavi Sonawane	
Mentor: Mrs Nusrat Ansari	
Abstract: The Crisis Call Project is an innovative real-time emergency response platform designed to address three major types of crises: medical emergencies, fires, and traffic accidents. In today's fast-paced world, where rapid response can significantly impact outcomes, this project aims to bridge the communication gap between individuals in distress and emergency responders, facilitating quicker access to essential services. The platform features a user-friendly interface that enables individuals to report emergencies, share their exact locations, and access vital information to assist them during critical situations. To enhance coordination and efficiency, the system incorporates dedicated panels for both users and emergency services, allowing users to swiftly notify nearby responders, while emergency service	

providers receive real-time notifications and relevant data for effective interventions. Ultimately, this project seeks to enhance public safety outcomes, ensure timely interventions during emergencies, and create a more effective and reliable emergency response system for communities, fostering a safer environment for all.

GitHub Repository: Link

7.13	Generative AI for healthcare Imaging Data
	Sustainable Development Goal and Number :- Good Health and Well-Being - 3

Group No.: 36

Group Members: Garv Chawla, Sandali Bhat, Pranay Pawar, Simran Godhwani

Mentor: Nusrat Ansari

Abstract: The convergence of Artificial Intelligence (AI) and prenatal diagnostics heralds a new era in maternal-fetal medicine, transforming the landscape of anomaly detection, risk assessment, and early intervention. Traditional diagnostic techniques, constrained by human subjectivity and operational inefficiencies, are now being superseded by AI-driven methodologies that offer unparalleled precision and automation. Cutting-edge deep learning architectures, including U- Net, YOLO v8, and StyleGAN, have emerged as pivotal tools,revolutionizing medical imaging, segmentation, and synthetic data generation. These advancements promise unrivaled accuracy,enabling clinicians to anticipate complications with heightened confidence. However, the profound integration of AI in such an ethically sensitive domain necessitates rigorous scrutiny, particularly concerning data privacy, algorithmic bias, and regulatory compliance.This paper delves into the technological innovations, ethical imperatives, and future trajectories of AI-enhanced prenatal diagnostics, underscoring its transformative potential in shaping the next frontier of precision-driven maternal care.

GitHub Repository: Link

7.14	Holistic Wellbeing and Analysis of Emotional Intelligence
	Sustainable Development Goal and Number :- Good Health and Well-Being - 3

Group No.: 37

Group Members: Devansh Joshi, Shantanu Bhosale, Vedant Navani, Vidhit Navani.

Mentor: Nusrat Ansari

Abstract: The Crisis Call Project is an advanced real-time emergency response platform designed to improve coordination and efficiency in handling medical emergencies, fire incidents, and traffic accidents. Fragmented communication between individuals in distress and responders further complicates timely intervention. This research introduces the Crisis Call Project, an advanced real-time emergency response platform designed to enhance coordination and efficiency in managing medical emergencies, fire incidents, and traffic accidents. The platform allows users to report crises, share precise geolocation data, and receive immediate guidance, while automatically notifying the nearest medical and fire response teams for rapid deployment. A key feature of Crisis Call is its integration with a smart helmet subsystem, which detects motorcycle or bicycle crashes and triggers alerts to emergency services, ensuring swift action even when riders are incapacitated. By leveraging geolocation, real-time data sharing, and automated alerts, Crisis Call reduces response times, improves coordination, enhances safety, and minimizes casualties, creating a more effective emergency management system for high-risk scenarios.

GitHub Repository: Link

7.15	PlaceNext : Gateway to Career Opportunities
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)

Group No.: 38

Group Members: Mrunal Mahajan, Latish Adwani, Ayush Verma, Madhura Anerao

Mentor: Prof. Sanjay Mirchandani

Abstract: PlaceNext is an AI-driven campus placement platform designed to streamline the recruitment process for students and Training and Placement Officers (TPOs). Traditional placement systems involve extensive manual effort, leading to inefficiencies in managing student records, verifying eligibility, and matching company requirements. PlaceNext leverages machine learning algorithms to automate eligibility verification, enhance resume-job compatibility, and provide real-time notifications for placement drives. The platform features a student dashboard where individuals can enter academic records, upload resumes and mark sheets, and receive personalized job recommendations, ensuring a more efficient and structured placement process.

GitHub Repository: Link	
7.16	AI based Mental Health Support System
	Sustainable Development Goal and Number :- Good Health and Well-Being - 3
Group No.: 42	
Group Members: Ayush Duseja, Soham Chaudhari, Sujal Pathrabe, Mayank Wankhede	
Mentor: Mrs. Yugchhaya Galphat	
Abstract: The project "*NLP-Powered Mental Health Chatbot for Accessible Support*" aims to create a digital intervention that provides confidential and easily accessible mental health support. By leveraging natural language processing (NLP), large language models (LLMs), and tools like transformers and NLTK, the chatbot delivers empathetic, therapeutic responses to users facing mental health challenges such as depression and anxiety. It integrates features like mental health assessments, mood tracking, guided exercises, resource recommendations, and community support to offer a holistic care system. Deployed on scalable cloud platforms like AWS, the solution ensures privacy, scalability, and adaptability. This chatbot bridges gaps in traditional mental health care by overcoming barriers like long wait times and geographical limitations. Overall, it demonstrates the transformative potential of AI in making mental health support more personalized, accessible, and effective.	
GitHub Repository: Link	
7.17	Smart Urban Traffic Optimization for Emergency Services & Prioritization System
	Sustainable Development Goal and Number :- 8, 9, 11 - Decent Work and Economic Growth, Industry, Innovation and Infrastructure, Sustainable Cities and Communities
Group No.: 43	
Group Members: Atharva Hande, Aryan Surve, Tarunkumar Gatla, Sanchet Khemani	
Mentor: Pallavi Saindane	
Abstract: Traffic congestion in cities often leads to delays, especially for emergency	

vehicles like ambulances, which need a clear path to save lives. Our Smart Urban Traffic Optimization for Emergency Services & Prioritization System aims to tackle this issue by using video processing and smart traffic signals.

This paper presents Smart Urban Traffic Optimization for Emergency Services & Prioritization System, an intelligent traffic management solution that leverages real-time video processing and adaptive signal control to enhance traffic flow efficiency. The system employs computer vision techniques to analyze vehicle density in each lane, dynamically adjusting traffic signals to prioritize highly congested routes. More critically, emergency vehicles are detected through advanced image processing, and immediate right-of-way is granted by overriding standard signal sequences, ensuring rapid transit.

The system analyzes vehicle density in each lane and ensures that the most crowded lane gets a green signal first. More importantly, if an emergency vehicle is detected, it is given the highest priority, allowing it to pass without delay.

Regular vehicles like cars and buses have a lower priority, ensuring a fair and efficient flow of traffic. The hardware component further enhances traffic management by automating signal control using smart algorithms. By combining real-time video analysis, intelligent decision-making, and automated signals, this system ensures faster emergency response times, reduces congestion, and makes urban roads safer for everyone.

GitHub Repository: Link

7.18	GrowMore : Your Stock Market Companion
	Sustainable Development Goal and Number :- Sustainable Cities and Communities (Goal No. 11)

Group No.:47

Group Members: Rishi Daryani, Priya Anandani, Roshni Gurbani, Ritu Ruprela

Mentor: Mrs. Rupali Soni

Abstract: In a rapidly evolving financial landscape, our research examines the challenges faced by novice investors, focusing on the barriers to effective personal finance management and their implications for financial literacy. Our project aims to unravel the complexities surrounding investment accessibility, providing a comprehensive analysis of the features that can enhance user engagement and informed decision-making. In our pursuit of empowering individuals to navigate their financial journeys, this platform advocates for a user-centric approach to

investment tools. It aligns with the goal of fostering financial inclusion and promoting responsible investment practices in a digital age.	
GitHub Repository: Link	
7.19	CareSphere for Healthcare
	Sustainable Development Goal and Number :- Good Health and Well-Being (Goal No. 3)
Group No.: 51	
Group Members: Aanchal Galani, Taniya Gerela, Priya Basrani	
Mentor: Mrs. Priti Joshi	
Abstract: Caresphere is a wellness application built using Flutter, designed to promote mental and emotional well-being through guided meditation and personalized support. It offers structured meditation sessions, calming soundscapes, and breathing exercises, helping users manage stress and enhance mindfulness. The app integrates with backend services to provide personalized recommendations based on user preferences and interactions. With an intuitive interface and real-time feedback mechanisms, Caresphere ensures a seamless and engaging experience. By leveraging technology for mental wellness, it aims to make mindfulness accessible and effective for users seeking relaxation and emotional balance.	
GitHub Repository: Link	

3. S.E. Projects

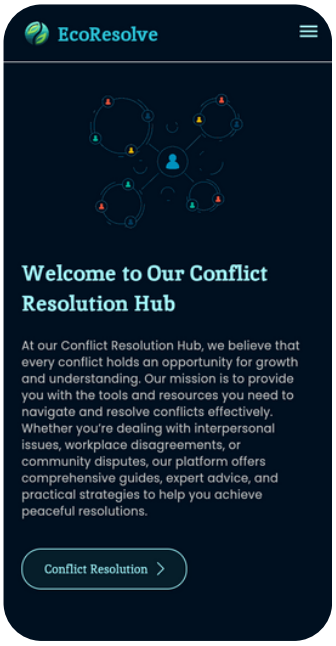
Name of the Organization: Ghatle BMC Secondary Marathi School, Chembur

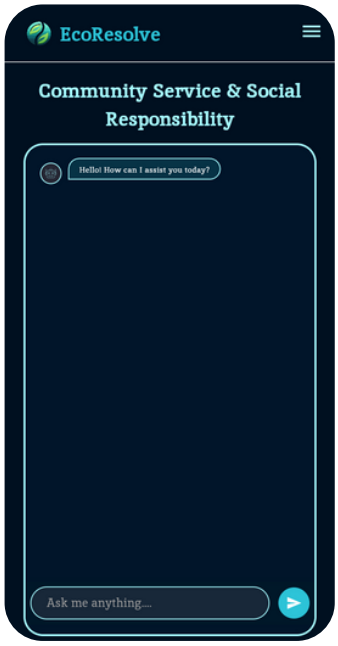
ECOPRESERVE

Environmental challenges demand innovative solutions, community engagement, and targeted action. EcoPreserve is a pioneering AI-powered platform that transforms environmental stewardship by leveraging fine-tuned Llama 3 models to design, manage, and execute impactful community service projects. By generating tailored environmental initiatives with multilingual support and real-time progress tracking, EcoPreserve bridges the gap between technological innovation and grassroots environmental action. Aligned with SDG 13 (Climate Action) and SDG 17 (Partnerships for the Goals), EcoPreserve empowers communities through customized project plans, culturally-relevant guidance, and data-driven assessment—creating a sustainable future through collective action and AI-enhanced decision-making.

Group no. 01

Domain: AI, Deep Learning and DWM

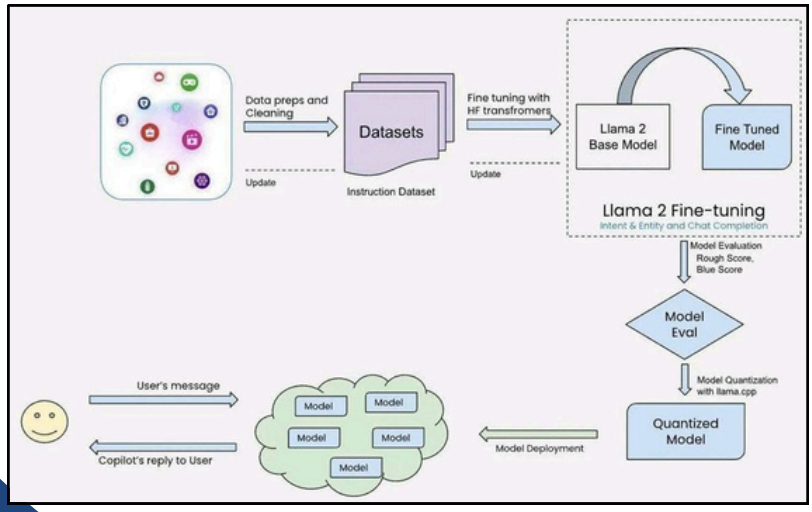


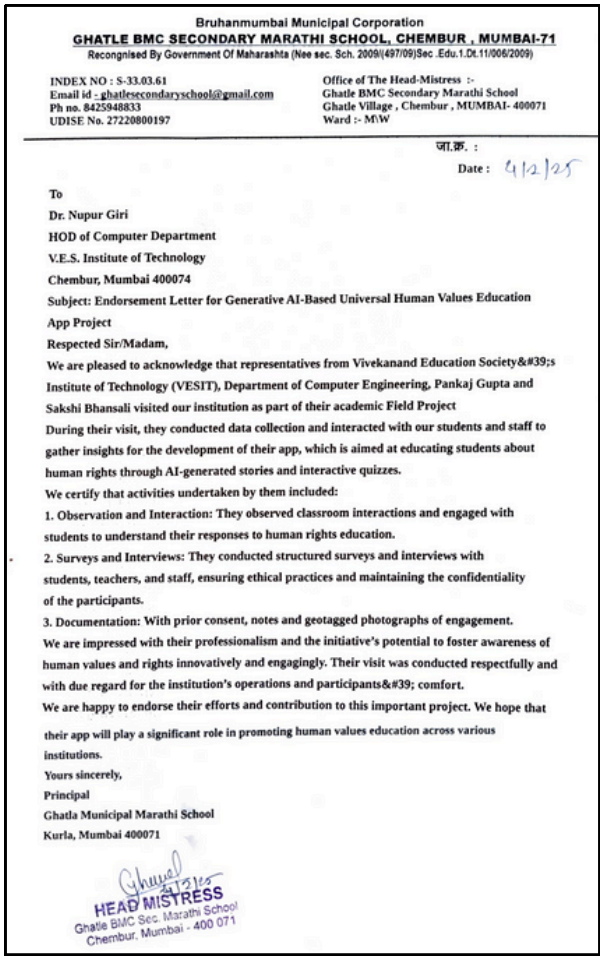


[GitHub](#) [VideoLink](#)

Team Members:
1. Sakshi Bhansali
2. Pankaj Gupta

Mentor:
Dr. (Mrs.) Nupur Giri





Bruhanmumbai Municipal Corporation
GHATLE BMC SECONDARY MARATHI SCHOOL, CHEMBUR , MUMBAI-71
Recognised By Government Of Maharashtra (Nee sec. Sch. 2009/(497/09)Sec .Edu.1.Dt.11/006/2009)

INDEX NO : S-33.03.61
Email id - ghatlesecondaryschool@gmail.com
Ph no. 8425948833
UDISE No. 27220800197

Office of The Head-Mistress :-
Ghatle BMC Secondary Marathi School
Ghatle Village , Chembur , MUMBAI- 400071
Ward :- M\W

जा.क्र. :
Date : 4/12/25

To
Dr. Nupur Giri
HOD of Computer Department
V.E.S. Institute of Technology
Chembur, Mumbai 400074

Subject: Endorsement Letter for Generative AI-Based Universal Human Values Education App Project

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, Pankaj Gupta and Sakshi Bhansali visited our institution as part of their academic Field Project

During their visit, they conducted data collection and interacted with our students and staff to gather insights for the development of their app, which is aimed at educating students about human rights through AI-generated stories and interactive quizzes.

We certify that activities undertaken by them included:

1. Observation and Interaction: They observed classroom interactions and engaged with students to understand their responses to human rights education.
2. Surveys and Interviews: They conducted structured surveys and interviews with students, teachers, and staff, ensuring ethical practices and maintaining the confidentiality of the participants.
3. Documentation: With prior consent, notes and geotagged photographs of engagement.

We are impressed with their professionalism and the initiative's potential to foster awareness of human values and rights innovatively and engagingly. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their app will play a significant role in promoting human values education across various institutions.

Yours sincerely,
Principal
Ghatla Municipal Marathi School
Kurla, Mumbai 400071

HEAD MISTRESS
Ghatle BMC Sec. Marathi School
Chembur, Mumbai - 400 071

Endorsement letter

ToolsUsed: Flutter, Django

Name of the Organization: V2V EdTech LLP

HEARTISTRY- MENTAL HEALTH AND EMPATHY APP

Heartistry aims to combat bullying and promote emotional intelligence among students by leveraging AI-powered journaling. This project employs the LLama model to generate personalized, empathy-driven content that encourages students to reflect on their emotions and interactions, fostering a more compassionate school environment.

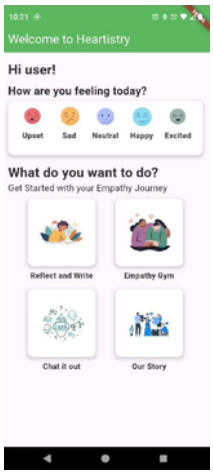
Heartistry aims to harness advanced AI technology to cultivate empathy and compassion among students. Its key objectives include developing an AI-powered empathy journal, promoting emotional intelligence, reducing bullying in schools, and seamlessly integrating the journal into educational settings.

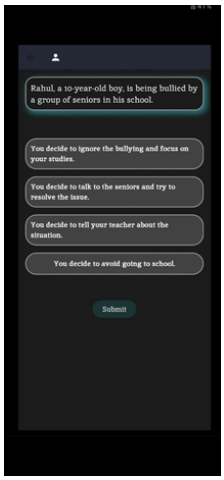
Domain: AI, Deep Learning and DWM

Team Members Name	Mentor
1. Aditya Agrahari	Dr. (Mrs.) Nupur Giri

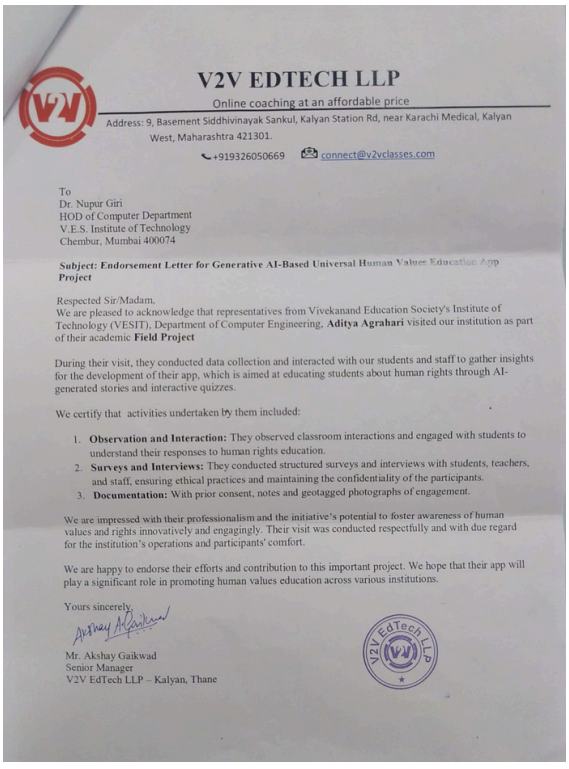
Group no. 1

Citizen Portal





GitHub Video link



V2V EDTECH LLP
Online coaching at an affordable price
Address: 9, Basement Siddhivinayak Sankul, Kalyan Station Rd, near Karachi Medical, Kalyan West, Maharashtra 421301.
+919326050669 connect@v2vclasses.com

To
Dr. Nupur Giri
HOD of Computer Department
V.E.S. Institute of Technology
Chembur, Mumbai 400074

Subject: Endorsement Letter for Generative AI-Based Universal Human Values Education App Project

Respected Sir/Madam,
We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Aditya Agrahari** visited our institution as part of their academic **Field Project**

During their visit, they conducted data collection and interacted with our students and staff to gather insights for the development of their app, which is aimed at educating students about human rights through AI-generated stories and interactive quizzes.

We certify that activities undertaken by them included:

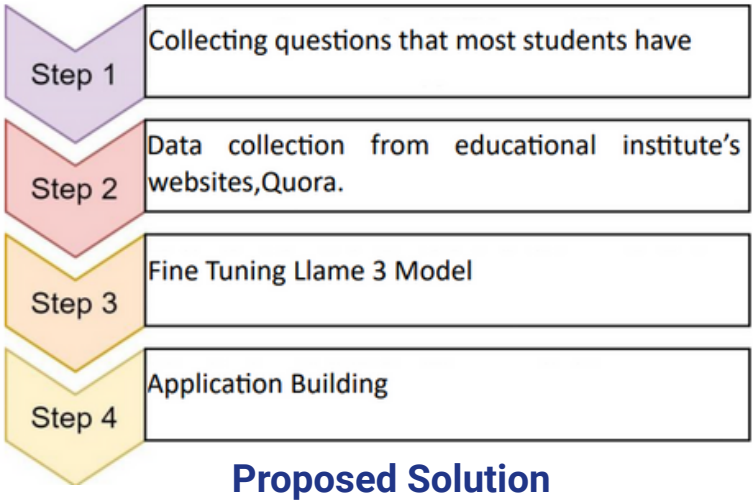
1. **Observation and Interaction:** They observed classroom interactions and engaged with students to understand their responses to human rights education.
2. **Surveys and Interviews:** They conducted structured surveys and interviews with students, teachers, and staff, ensuring ethical practices and maintaining the confidentiality of the participants.
3. **Documentation:** With prior consent, notes and geotagged photographs of engagement.

We are impressed with their professionalism and the initiative's potential to foster awareness of human values and rights innovatively and engagingly. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their app will play a significant role in promoting human values education across various institutions.

Yours sincerely,

Mr. Akshay Gaikwad
Senior Manager
V2V EdTech LLP – Kalyan, Thane



Proposed Solution

Endorsement letter

Tools Used: Flutter,Dart,Llama 3

Name of the Organization: Womens welfare foundation

RIGHTSQUEST

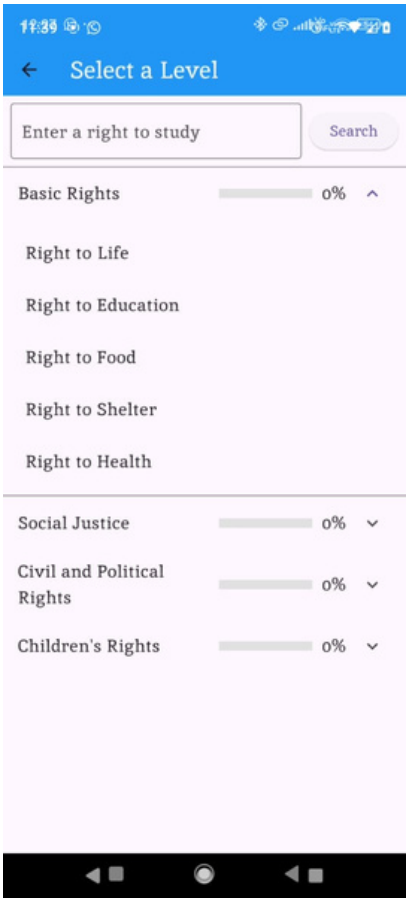
In an era of rapid technological advancement, human rights education must evolve to be more engaging and impactful. RightsQuest is an innovative AI-driven initiative that leverages fine-tuned LLaMA 3 models to transform how students learn about justice, equality, and human rights. By generating immersive, AI-powered narratives and interactive scenarios, RightsQuest personalizes learning experiences, making complex human rights concepts accessible and engaging. The platform fosters critical thinking and empathy, bridging the educational gap in human rights awareness. Aligned with SDG 4 (Quality Education) and SDG 10 (Reduced Inequalities), RightsQuest empowers the next generation with the knowledge and values needed to build a just and equitable society.

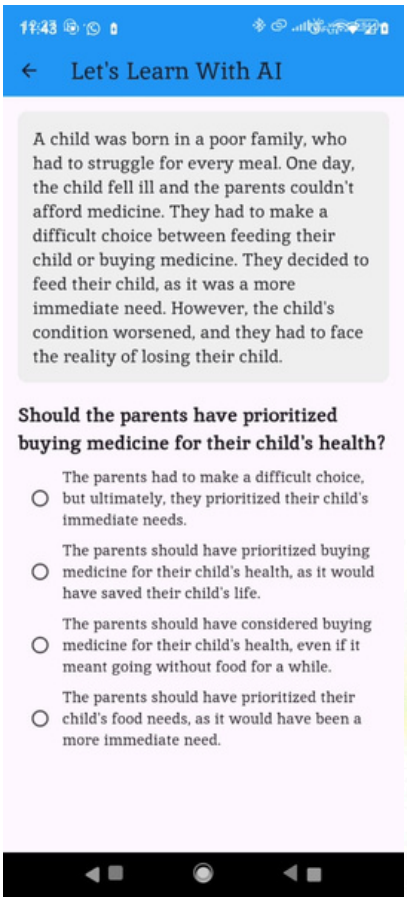
Domain: AI, Deep Learning and DWM

Team Members:	Mentor:
1. Niraj Chaudhari	Dr. (Mrs.) Nupur Giri

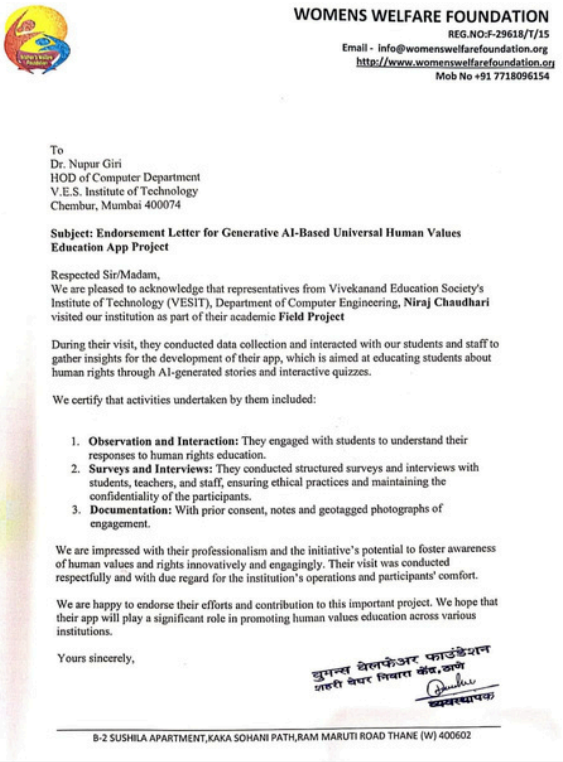
Group no. 01

GitHub Video Link





Proposed Solution



WOMENS WELFARE FOUNDATION
REG.NO:F-29618/T/15
Email - info@womenswelfarefoundation.org
http://www.womenswelfarefoundation.org
Mob No +91 7718096154

To
Dr. Nupur Giri
HOD of Computer Department
V.E.S. Institute of Technology
Chembur, Mumbai 400074

Subject: Endorsement Letter for Generative AI-Based Universal Human Values Education App Project

Respected Sir/Madam,
We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Niraj Chaudhari** visited our institution as part of their academic **Field Project**

During their visit, they conducted data collection and interacted with our students and staff to gather insights for the development of their app, which is aimed at educating students about human rights through AI-generated stories and interactive quizzes.

We certify that activities undertaken by them included:

1. **Observation and Interaction:** They engaged with students to understand their responses to human rights education.
2. **Surveys and Interviews:** They conducted structured surveys and interviews with students, teachers, and staff, ensuring ethical practices and maintaining the confidentiality of the participants.
3. **Documentation:** With prior consent, notes and geotagged photographs of engagement.

We are impressed with their professionalism and the initiative's potential to foster awareness of human values and rights innovatively and engagingly. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their app will play a significant role in promoting human values education across various institutions.

Yours sincerely,

B-2 SUSHILA APARTMENT,KAKA SOHANI PATH,RAM MARUTI ROAD THANE (W) 400602

Endorsement letter

Tools Used: Flutter, Django

Name of the Organization: Siddhivinayak Clinic

PREPPAL - HEALTH MENTOR

AI-powered Health Mentor utilizes Llama 3 to support the mental and physical well-being of students preparing for highly competitive entrance exams such as JEE, NEET, and JEE Advanced.
The AI mentor will provide personalized health and wellness advice, including stress management techniques, exercise recommendations, and nutritional guidance.
GenAI Technology was implemented in Health Mentor to answer Nutritional, Fitness, Stress and Exam related questions of students.

3 GOOD HEALTH AND WELL-BEING

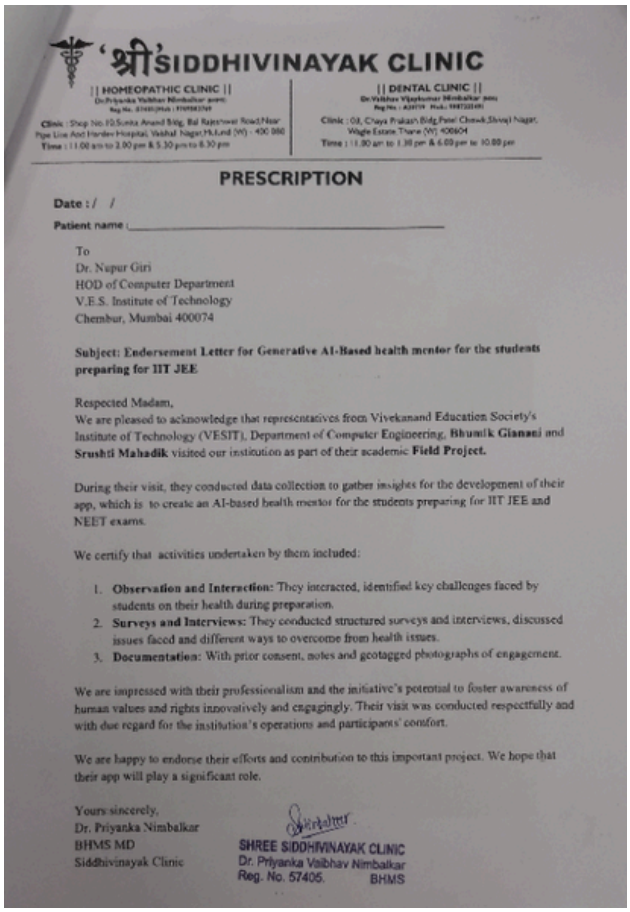
Group no. 1

Domain: AI, Deep Learning and DWM

Team Members Name	Mentor
1. Srushti Mahadik 2. Bhumik Gianani	Dr. (Mrs.) Nupur Giri

Citizen Portal

GitHub Video link



श्री SIDDHIVINAYAK CLINIC

|| HOMEOPATHIC CLINIC ||
Clinic : Shop No.10,Sunita Anand Bldg, Bal Rajeshwar Road,Near Pipe Line And Hardev Hospital, Vaibhal Nagar,N-Land (W) - 400 080
Time : 11.00 am to 2.00 pm & 5.30 pm to 8.30 pm

|| DENTAL CLINIC ||
Clinic : 08, C'aya Prakash Bldg,Patel Chawk,Shivaji Nagar, Wagle Estate Thane (W) 400604
Time : 11.30 am to 1.30 pm & 6.00 pm to 10.00 pm

PRESCRIPTION

Date : / /

Patient name :

To
Dr. Nupur Giri
HOD of Computer Department
V.E.S. Institute of Technology
Chembur, Mumbai 400074

Subject: Endorsement Letter for Generative AI-Based health mentor for the students preparing for IIT JEE

Respected Madam,
We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Bhumik Gianani** and **Srushti Mahadik** visited our institution as part of their academic **Field Project.**

During their visit, they conducted data collection to gather insights for the development of their app, which is to create an AI-based health mentor for the students preparing for IIT JEE and NEET exams.

We certify that activities undertaken by them included:

1. **Observation and Interaction:** They interacted, identified key challenges faced by students on their health during preparation.
2. **Surveys and Interviews:** They conducted structured surveys and interviews, discussed issues faced and different ways to overcome from health issues.
3. **Documentation:** With prior consent, notes and geotagged photographs of engagement.

We are impressed with their professionalism and the initiative's potential to foster awareness of human values and rights innovatively and engagingly. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their app will play a significant role.

Yours sincerely,
Dr. Priyanka Nimbalkar
BHMS MD
Siddhivinayak Clinic

SHREE SIDDHIVINAYAK CLINIC
Dr. Priyanka Vaibhav Nimbalkar
Reg. No. 57405. BHMS

Endorsement letter

Proposed Solution

Step 1	Collecting questions that most students have
Step 2	Data collection from educational institute's websites,Quora.
Step 3	Fine Tuning Llame 3 Model
Step 4	Application Building

Tools Used: Flutter,Dart, Llama 3

Name of the Organization: ROCHIRAM T. THADHANI HIGH SCHOOL FOR HEARING HANDICAPPED

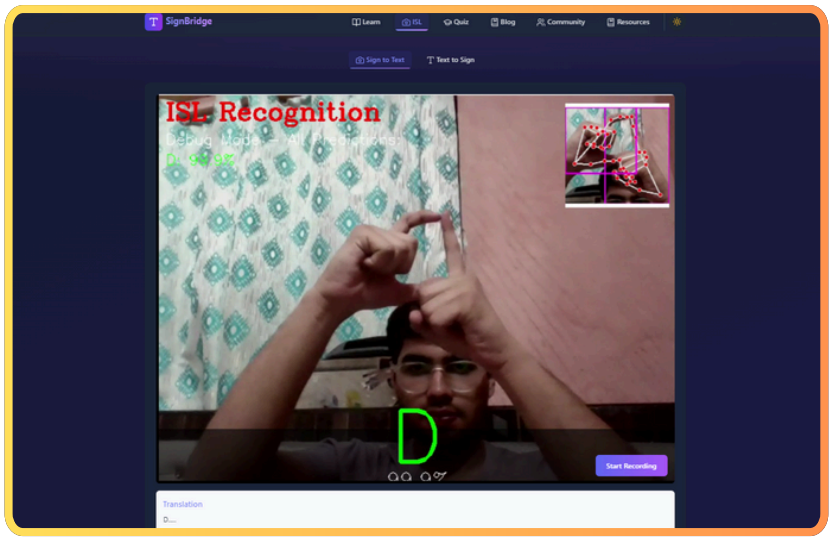
BRIDGING THE GAP: OUR JOURNEY INTO SIGN LANGUAGE AND INCLUSIVITY

Our project is dedicated to overcoming communication barriers for India's deaf community by delivering two distinct yet complementary solutions: a real-time Sign-to-Text translation system and a Text-to-Sign conversion tool. In the Sign-to-Text module, our AI-powered system employs real-time hand landmark detection using OpenCV, cvzone's HandDetector, and MediaPipe, combined with a Convolutional Neural Network enhanced with L2 regularization and data augmentation techniques, to accurately interpret ISL gestures into text. In parallel, the Text-to-Sign module converts written text into coherent ISL video sequences by tokenizing input text and employing a FAISS-based similarity search to retrieve and stitch together pre-recorded sign language video clips using moviepy for seamless stitching. Together, these approaches empower deaf individuals, promote inclusive education, and contribute to reducing inequalities by bridging communication gaps in line with the Sustainable Development Goals.

10 REDUCED INEQUALITIES

Group no. 10

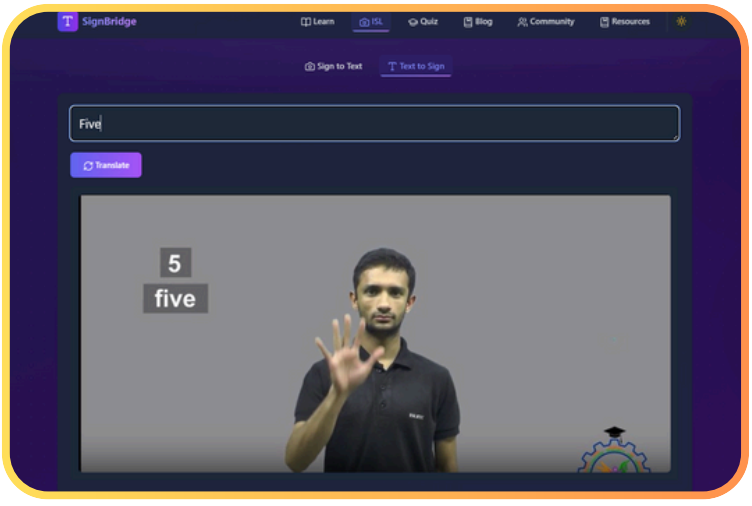
Domain: AI, Deep Learning and DWM



Github Video Link

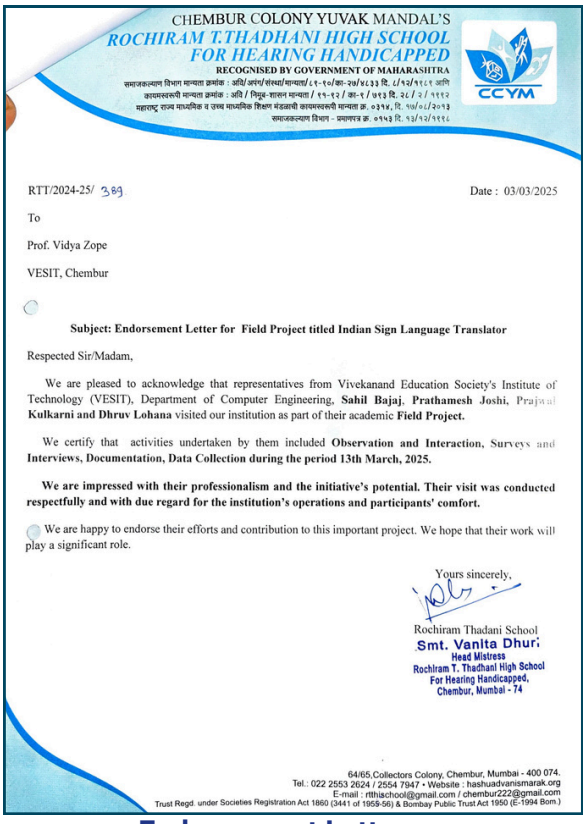
Team Members Name
1. Sahil Rajesh Bajaj
2. Prathamesh Kiran Joshi
3. Prajwal Dinesh Kulkarni
4. Dhruv Ashok Lohana

Mentor
Prof. Vidya Zope



Proposed Solution

Tools Used: React.js, Flask, MongoDB, OpenCV MediaPipe, MobileNetV2p-ned ImageNet for ISL feature extraction, SentenceTransformer, FAISS



CHEMBUR COLONY YUVAK MANDAL'S
ROCHIRAM T.THADHANI HIGH SCHOOL
FOR HEARING HANDICAPPED
RECOGNISED BY GOVERNMENT OF MAHARASHTRA

RTT/2024-25/ 389 Date : 03/03/2025

To
Prof. Vidya Zope
VESIT, Chembur

Subject: Endorsement Letter for Field Project titled Indian Sign Language Translator

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Sahil Bajaj, Prathamesh Joshi, Prajwal Kulkarni and Dhruv Lohana** visited our institution as part of their academic **Field Project.**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, Data Collection during the period 13th March, 2025.**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,
Rochiram Thadani School
Smt. Vanita Dhuri
Head Mistress
Rochiram T. Thadhani High School
For Hearing Handicapped,
Chembur, Mumbai - 74

64/65,Collectors Colony, Chembur, Mumbai - 400 074.
Tel.: 022 2553 2624 / 2554 7947 • Website : hashuadvanismarak.org
E-mail : rtthschool@gmail.com / chembur222@gmail.com
Trust Regd. under Societies Registration Act 1860 (9441 of 1959-56) & Bombay Public Trust Act 1950 (E-1994 Bom.)

Endorsement Letter

Name of the Organization: Osho Krishna CHS

SMART TRASH BIN

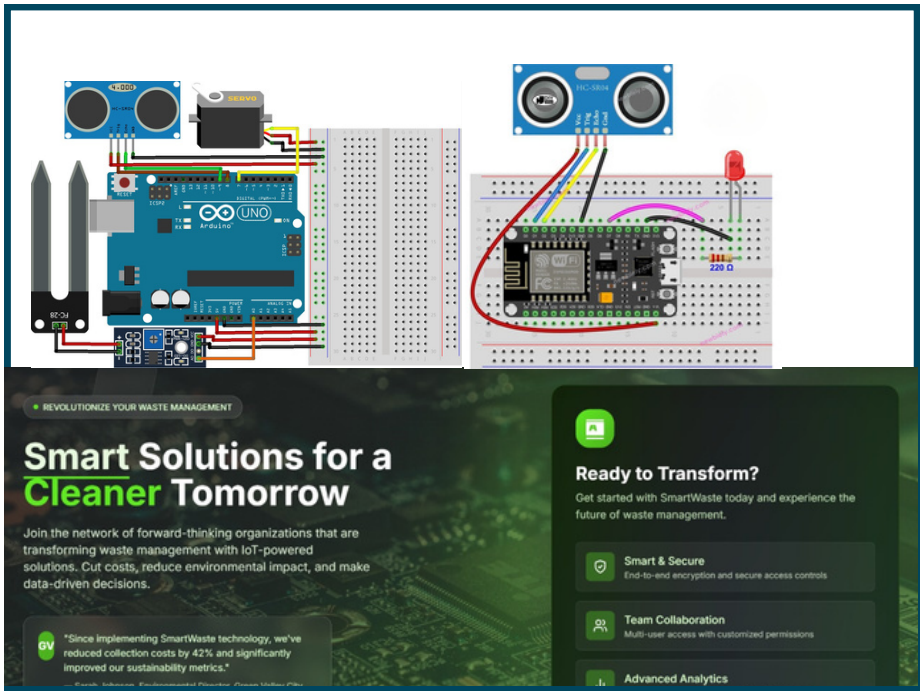
In today's digital age, smart waste management requires an online presence to enhance impact and provide real-time insights. Our IoT-Based Smart Dustbin project automates waste segregation and overflow detection while ensuring accessible data for wider adoption.

To support this, we developed a web platform that displays real-time sensor data, notifies users of full bins, and offers an interactive dashboard for monitoring and optimization. This platform helps decision-makers streamline waste collection and promote sustainable practices.

SDG-3 SDG-11 SDG-12

Group no. 17

Domain: IoT And Robotics



Github Link **Video Link**

Team Members Name	Mentor
1.Soham Kamathi 2.Gaurav Khutwal 3.Sakshi Kukreja 4.Vanshika Somnani	Prof. Mannat Doultani

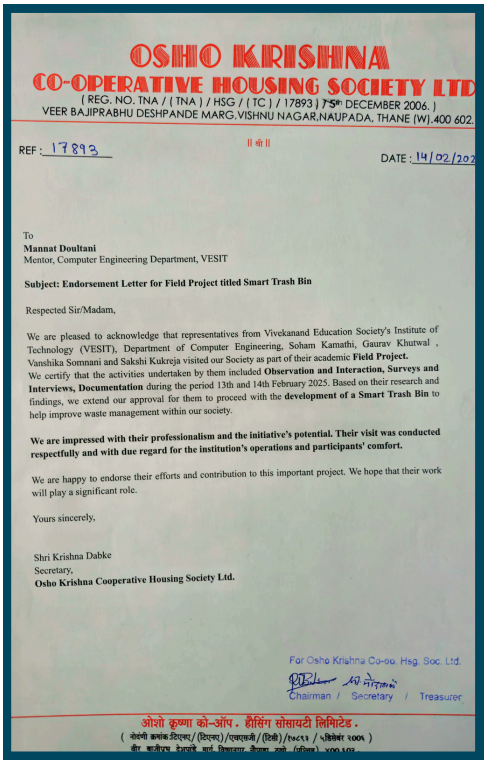
Proposed Solution

Smart trashbin prototype

Tools Used

Hardware:
- Arduino Uno
- ESP8266 NodeMCU
- HC-SR04 Ultrasonic Sensor
- LED
- Voltage Divider (Resistors)
- Breadboard And Wires
- Servo Motor
- Moisture Sensors

Software:
- Arduino IDE
- Web platform using React (for data visualization and management)



OSHO KRISHNA
CO-OPERATIVE HOUSING SOCIETY LTD
(REG. NO. TNA / (TNA) / HSG / (TC) / 17893) 7th DECEMBER 2006.
VEER BAJIPRABHU DESHPANDE MARG,VISHNU NAGAR,NAUPADA, THANE (W).400 602.

REF : 17893 DATE : 14/02/202

To
Mannat Doultani
Mentor, Computer Engineering Department, VESIT

Subject: Endorsement Letter for Field Project titled Smart Trash Bin

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, Soham Kamathi, Gaurav Khutwal , Vanshika Somnani and Sakshi Kukreja visited our Society as part of their academic **Field Project.** We certify that the activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation** during the period 13th and 14th February 2025. Based on their research and findings, we extend our approval for them to proceed with the **development of a Smart Trash Bin** to help improve waste management within our society.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Shri Krishna Dabke
Secretary,
Osho Krishna Cooperative Housing Society Ltd.

For Osho Krishna Co-op. Hsg. Soc. Ltd.
Chairman / Secretary / Treasurer

ओशो कृष्णा को-ऑप. हौसिंग सोसायटी लिमिटेड.

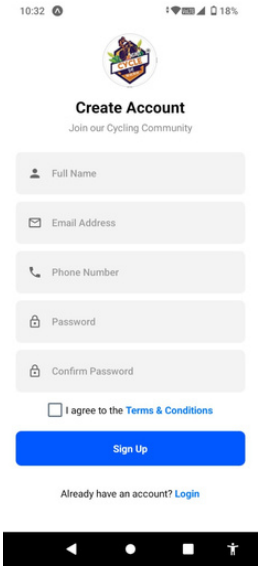
Endorsement Letter

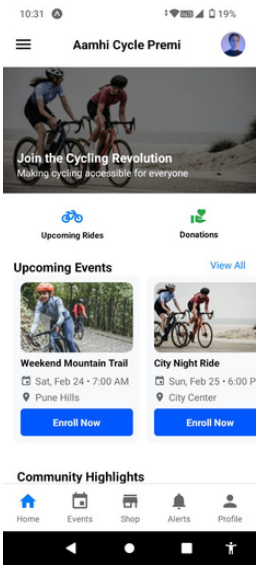
Name of the Organization: Aamhi Cycle Premi Foundation

TECH-DRIVEN CYCLING MANAGEMENT APP FOR AAMHI CYCLE PREMI FOUNDATION ENHANCING GOOD HEALTH AND WELL-BEING

ACPF RideHub is a mobile platform dedicated to promoting cycling as a healthy and active lifestyle while fostering a strong community of riders. Aligned with **SDG 3** (Good Health & Well-Being), it encourages physical fitness, mental well-being, and overall health through organized cycling events and group rides. The platform simplifies event management, allows user registration and participation tracking, and ensures rider safety with an Emergency Alert System. With additional features like a merchandise store and donation support, ACPF RideHub leverages technology to make cycling more accessible, enjoyable, and beneficial for all.

Domain: Application Design and Product Development

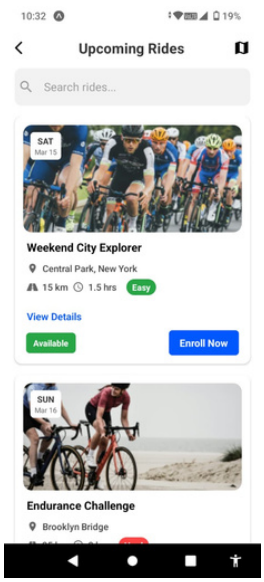


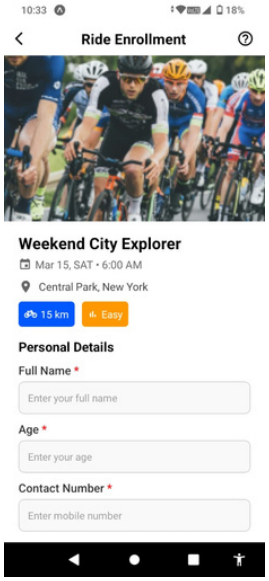


Group no. 2

Team Members Name	Mentor
1. Ayush Attarde 2. Sumitkumar Jha 3. Rohit Dhakras 4. Yahya Shaikh	Dr. (Mrs.) Gresha Bhatia

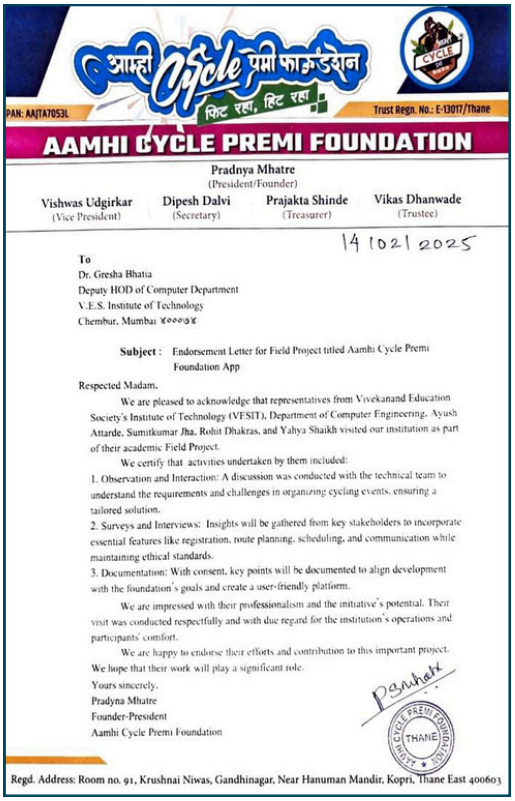
GitHub Youtube Link





Proposed Solution

Tools Used: React Native, Node.js, Express.js, MongoDB



Endorsement Letter

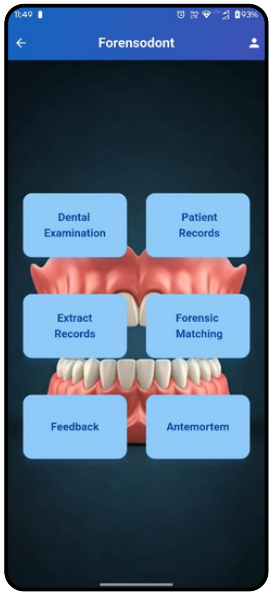
Name of the Organization: Government Dental College & Hospital, Mumbai

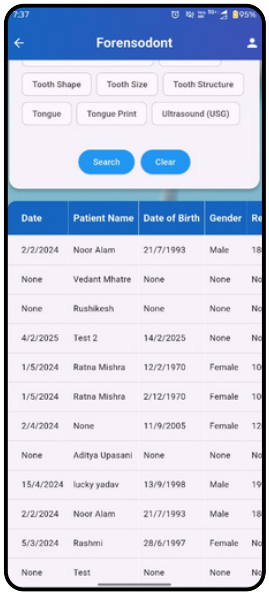
FORENSIC DENTISTRY: DIGITAL APPLICATION FOR HUMAN IDENTIFICATION

Forensic identification is crucial in medical and legal cases, yet traditional record-keeping methods are often inefficient, unsecure, and fragmented. The lack of a standardized digital system hampers forensic investigations and delays justice. Our project, Forensodont, addresses this challenge by providing a secure, user-friendly mobile application for doctors to store patient details, medical history, and radiographic images in an organized digital database. It aligns with SDG 3: Good Health and Well-being, by improving medical data management, SDG 16: Peace, Justice, and Strong Institutions, by enhancing forensic identification and legal processes, and SDG 17: Partnerships for the Goals, by fostering collaboration between medical, legal, and forensic experts for more efficient investigations.

Domain: Application Design and Product Development

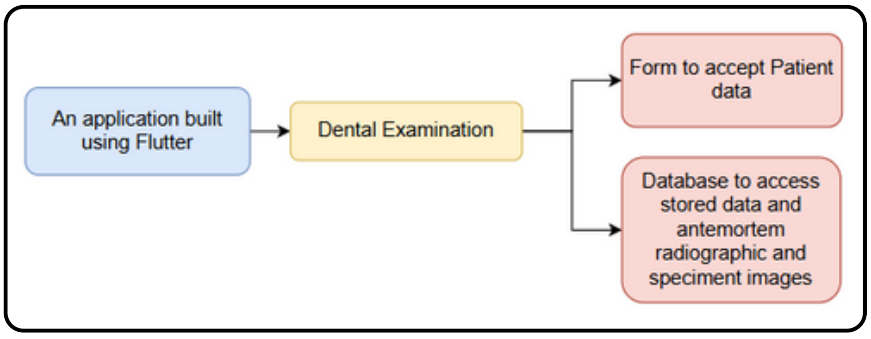
Group No. 4





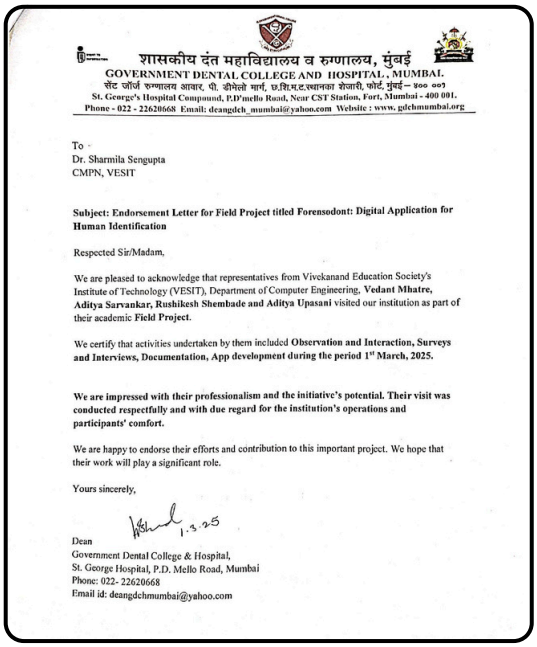
Team Members	Mentor
1. Vedant Mhatre 2. Aditya Upasani 3. Rushikesh Shembade 4. Aditya Sarvankar	Dr. Sharmila Sengupta

[GitHub Link](#) [Video Link](#)



Proposed Solution

Tools Used: Flutter, Firebase



शासकीय दंत महाविद्यालय व रुग्णालय, मुंबई
GOVERNMENT DENTAL COLLEGE AND HOSPITAL, MUMBAI.
सेंट जॉर्ज रुग्णालय आवार, पी. डीमेलो मार्ग, छ.शि.म.ट.स्थानका शेजारी, फोर्ट, मुंबई – ४०० ००१
St. George's Hospital Compound, P.D'mello Road, Near CST Station, Fort, Mumbai - 400 001.
Phone - 022 - 22620668 Email: deangdch_mumbai@yahoo.com Website : www. gdchmumbai.org

To -
Dr. Sharmila Sengupta
CMPN, VESIT

Subject: Endorsement Letter for Field Project titled Forensodont: Digital Application for Human Identification

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Vedant Mhatre, Aditya Sarvankar, Rushikesh Shembade and Aditya Upasani** visited our institution as part of their academic **Field Project.**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, App development during the period 1st March, 2025.**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

1.3.25

Dean
Government Dental College & Hospital,
St. George Hospital, P.D. Mello Road, Mumbai
Phone: 022- 22620668
Email id: deangdchmumbai@yahoo.com

Endorsement Letter

Name of the Organization: Samarth Bharat Vyaspeeth, Mumbai

ENHANCING EDUCATION TRACKING FOR SLUM AREAS: A WEB APP FOR SAMARTH BHARAT VYASPEETH

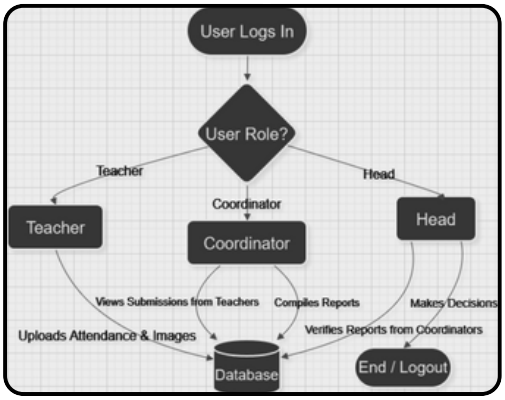
Access to quality education in slum areas remains a challenge, with many NGOs struggling to monitor their teaching activities effectively. This project focuses on developing a web application to track attendance, curriculum coverage, and other key metrics in classes conducted by NGOs in slum areas. The project aligns with SDG 4: Quality Education and SDG 10: Reduced Inequalities by promoting equitable and inclusive access to education and enabling better decision making through technology.

Group No. 5

Domain: Application Design and Product Development

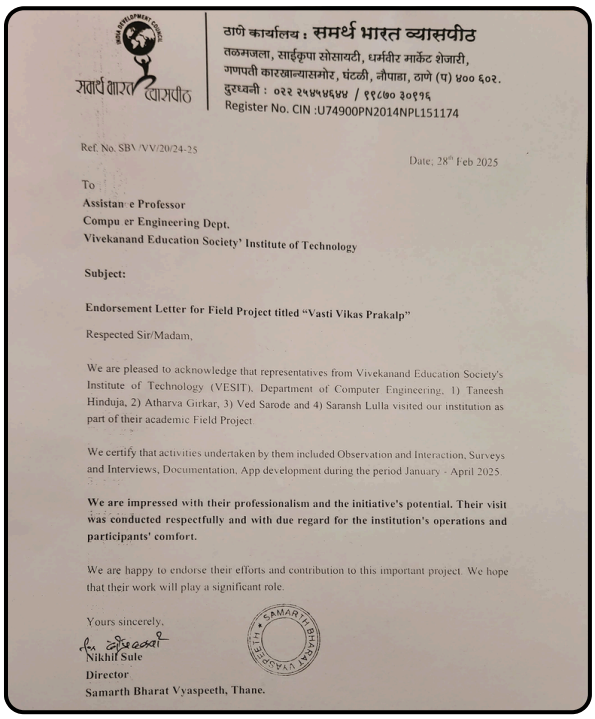
Team Members	Mentor
1. Taneesh Hinduja 2. Atharva Girkar 3. Saransh Lulla 4. Ved Sarode	Dr. Prashant Kanade

Github Link Video Link



Proposed Solution

Tools Used: HTML,Tailwind,Express,MongoDB



ठाणे कार्यालय : समर्थ भारत व्यासपीठ
तळमजला, साईकृपा सोसायटी, धर्मवीर मार्केट शेजारी,
गणपती कारखान्यासमोर, घंटळी, नौपाडा, ठाणे (प) ४०० ६०२.
दुरध्वनी : ०२२ २५४५४६४४ / ९९८७० ३०९१६
Register No. CIN :U74900PN2014NPL151174

Ref. No. SBV/VV/20/24-25
Date: 28th Feb 2025

To
Assistant Professor
Computer Engineering Dept.
Vivekanand Education Society' Institute of Technology

Subject:

Endorsement Letter for Field Project titled "Vasti Vikas Prakalp"

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, 1) Taneesh Hinduja, 2) Atharva Girkar, 3) Ved Sarode and 4) Saransh Lulla visited our institution as part of their academic Field Project.

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews, Documentation, App development during the period January - April 2025.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,
Nikhil Sule
Director
Samarth Bharat Vyaspeeth, Thane.

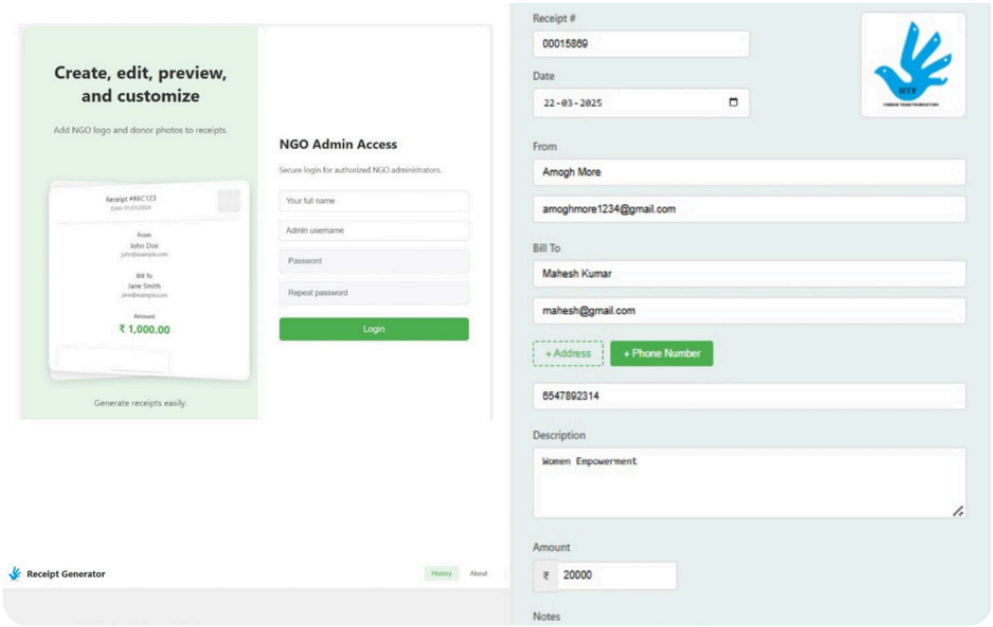
Endorsement Letter

Name of the Organization: Human Team Foundation

RECEIPT GENERATOR WEBSITE

Human Team Foundation needs an efficient and automated Receipt Generator to streamline the process of issuing receipts for donations, membership fees, and other transactions. The current manual process is time-consuming, prone to errors, and lacks proper record-keeping, leading to inefficiencies in financial tracking and donor management. The Receipt Generator should be able to generate digital receipts with unique identifiers, donor details, transaction amounts, and payment methods. It must also allow for easy retrieval, customization, and integration with the foundation's database for seamless record management. This will enhance transparency, accuracy, and operational efficiency.

Domain:Application Design and Product Development

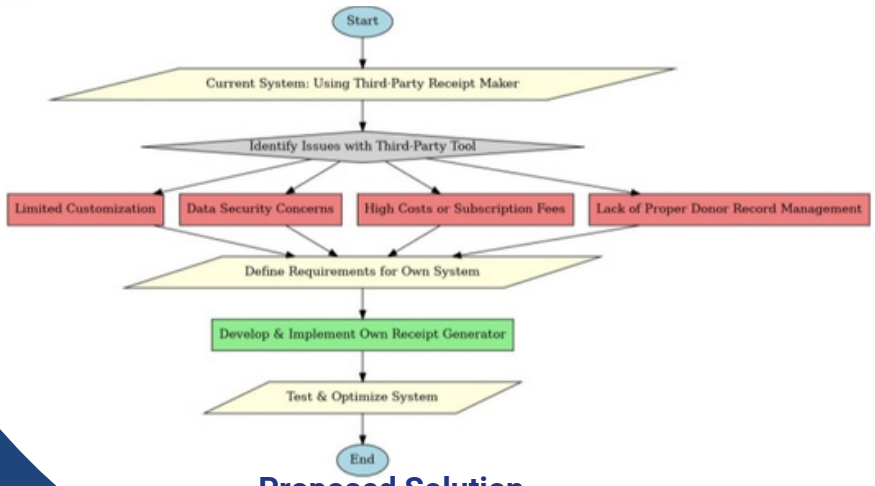


Group no. 6

[Github Link](#) [Video Link](#)

Team Members Name
1. Sanskruti Ukarande
2. Amogh More
3. Jaee Sakharkar
4. Sahil Kachare

Mentor
Dr.M.D.Patil



Proposed Solution

Tools Used:React.js and MongodB

Human Team Foundation
We Rise By Lifting Others

To
Dr. M. D. Patil
VESIT,Chembur

Subject: Endorsement Letter for Field Project titled Receipt Generator Website

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Amogh More and Jaee Sakharkar,Sanskruti Ukarande,Sahil Kachare** visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Interviews, Documentation, Web development during the period from February 13,2025 to the end of June 2025.**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Niraj Mishra
Founder/President
Human Team Foundation

www.humanteamfoundation.in

Room no 47,Navnath wadi, chembur Mum-400071 P: 9769406488 E: info@humanteamfoundation.in

Endorsement Letter

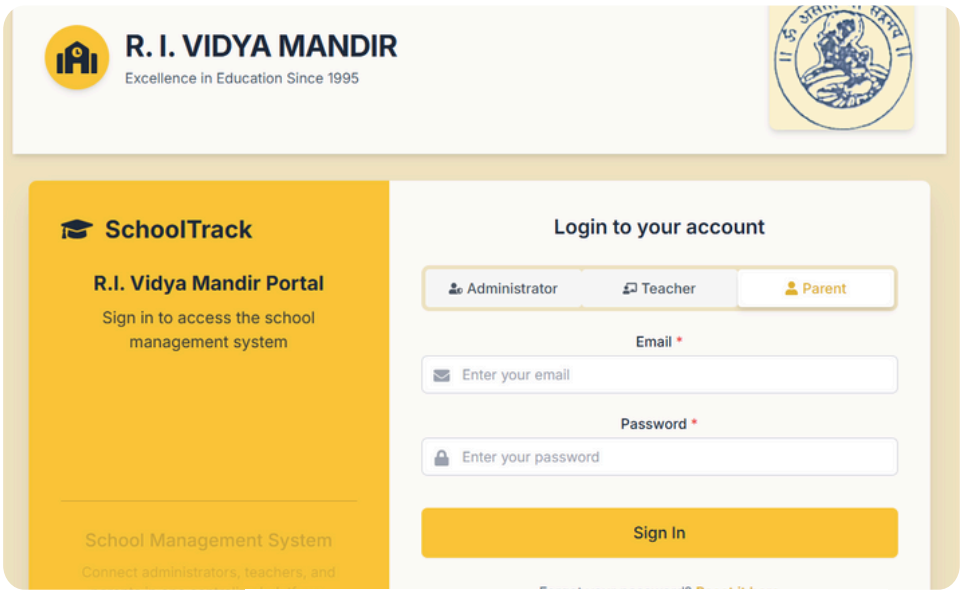
Name of the Organization: R. I. VIDDYA MANDIR

SCHOOLTRACK: A WEBSITE FOR BUILDING CONNECTION BETWEEN PARENTS AND TEACHERS

SchoolTrack is a digital school management platform designed to streamline attendance tracking, student performance monitoring, and parent-teacher communication. By replacing traditional manual record-keeping with an intuitive web-based system, it enhances efficiency and transparency in school administration. SchoolTrack aligns with SDG 4: Quality Education, by improving accessibility to academic data, SDG 9: Industry, Innovation, and Infrastructure, by promoting digital transformation in education, and SDG 12: Responsible Consumption and Production, by reducing paper usage and optimizing resources.

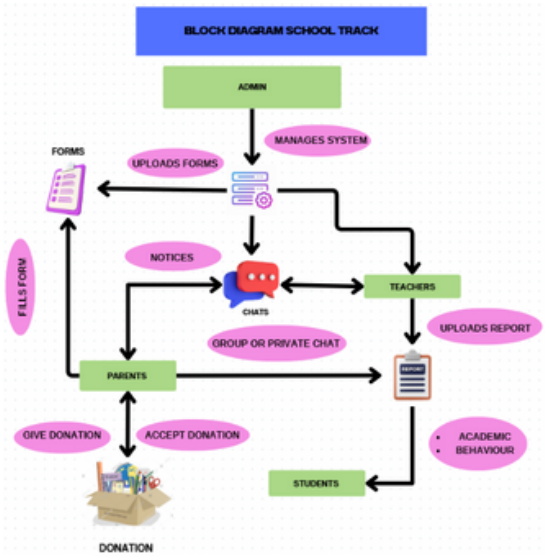
Group no. 7

Domain: Application Design and Product Development



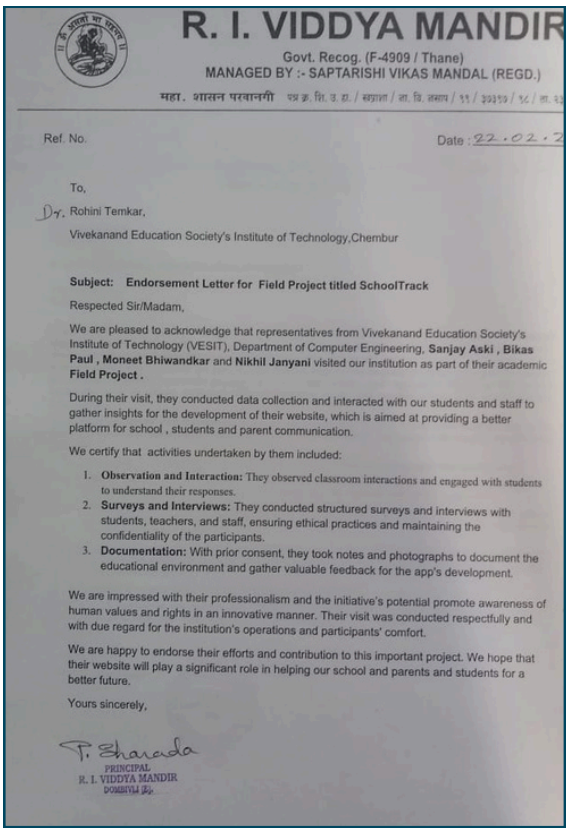
Team Members Name	Mentor
1. Sanjay Aski 2. Nikhil Janyani 3. Moneet Bhiwandkar 4. Bikas Paul	Dr. Rohini Temkar

Github Link Video Link



Proposed Solution

Tools Used: Html, CSS, Javascript, React, MongoDB



R. I. VIDDYA MANDIR
Govt. Recog. (F-4909 / Thane)
MANAGED BY :- SAPTARISHI VIKAS MANDAL (REGD.)

Ref. No. Date : 22.02.2

To,
Dr. Rohini Temkar,
Vivekanand Education Society's Institute of Technology,Chembur

Subject: Endorsement Letter for Field Project titled SchoolTrack

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Sanjay Aski , Bikas Paul , Moneet Bhiwandkar** and **Nikhil Janyani** visited our institution as part of their academic **Field Project .**

During their visit, they conducted data collection and interacted with our students and staff to gather insights for the development of their website, which is aimed at providing a better platform for school , students and parent communication.

We certify that activities undertaken by them included:

1. **Observation and Interaction:** They observed classroom interactions and engaged with students to understand their responses.
2. **Surveys and Interviews:** They conducted structured surveys and interviews with students, teachers, and staff, ensuring ethical practices and maintaining the confidentiality of the participants.
3. **Documentation:** With prior consent, they took notes and photographs to document the educational environment and gather valuable feedback for the app's development.

We are impressed with their professionalism and the initiative's potential promote awareness of human values and rights in an innovative manner. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their website will play a significant role in helping our school and parents and students for a better future.

Yours sincerely,

P. Sharada
PRINCIPAL
R. I. VIDDYA MANDIR
DOMBIVLI (E)

Endorsement Letter

Name of the Organization: APNA SHELTER INDIA FOUNDATION

"AUTOMATED CLOTHES DONATION MANAGEMENT SYSTEM"

Apna Shelter India Foundation aims to develop an efficient and automated online donation platform to streamline the process of clothing donations across different locations in India. The current manual approach to handling donations is inefficient, lacks proper tracking, and poses logistical challenges, leading to delays, mismanagement, and difficulty in maintaining accurate donor records. To address these issues, the foundation requires a web-based platform that enables users to donate clothes online through a pin code-based system. This system will allow donors to either drop off their donations at a nearby center or schedule a pickup through the website, ensuring a seamless and convenient process for both donors and the organization.

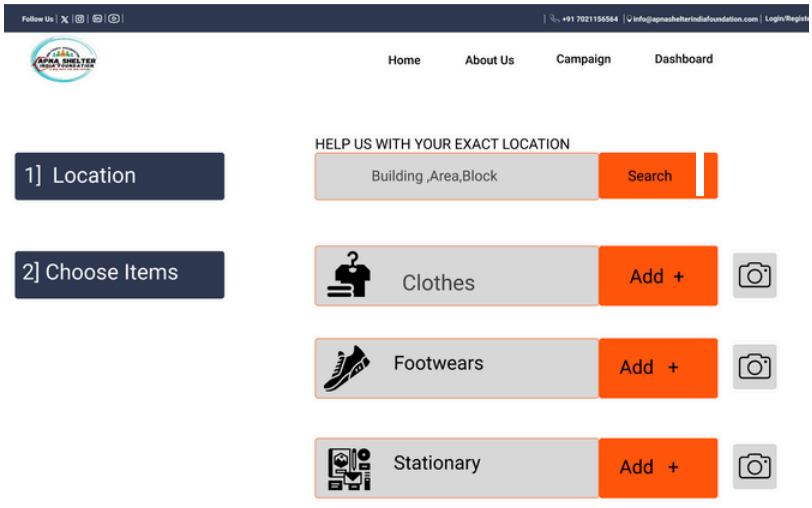
Group no. 8

Domain: Application Design and Product Development

Github Link Video Link

Team Members Name
1. AJAY LAKSHAWANI
2. DHRUV BAJAJ
3. PURAB PURASWANI
4. ANKITA KUKREJA

Mentor
Dr.Dashrath Mane



Proposed Solution

Tools Used:React.js , Express.Js , Node.Js and MongodB

Apna Shelter India Foundation
Incorporated under the companies Act, 2013 (10 of 2013). [Pursuant to sub-section (2) of section 7 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]
REGISTERATION NO - MCA / U85320MH2018NPL327365

APSHINFOUNDATION/ 30 /FY2024-25

Thane (West), Maharashtra
Date: 16-02-2025

To,
Dr. Dashrath Mane
CMPN
Vivekanand Education Society's Institute of Technology (VESIT)
Chembur, Mumbai

Subject: Acknowledgment of Student Registration for Field Project

Dear Sir / Madam,

Greetings from Apna Shelter India Foundation!
With reference to your letter VESIT/DS/CMPN/2080/2024-25 dated **12-02-2025**, we would like to inform you that the following students from your esteemed institute have already been registered as interns at **Apna Shelter India Foundation, Thane, Maharashtra**, with effect from **01 February 2025** for the said project. They have been assigned projects in alignment with the objectives outlined in your request.

List of Registered Interns:
1. **Purab Puraswani** – ID: APSHINFO/651184
2. **Dhruv Bajaj** – ID: APSHINFO/806566
3. **Ajay Lakshawani** – ID: APSHINFO/636093
4. **Ankita Kukreja**– ID: APSHINFO/932480

Kindly verify their registration details at: https://apnashelterindiafoundation.com/Intern/verification. We kindly request you to provide details regarding the total number of hours the students need to dedicate to the project, so we can ensure its completion within the specified time frame. Upon completion, the students will submit the project for your perusal.

Additionally, we request any technical guidance or assistance required from your end to ensure the effective execution of the project. As part of our Standard Operating Procedure (SOP), we have also planned social service activities, which will be completed within the specified time. The total hours required to complete these activities will range between **40 to 60 hours**, depending on the interns' performance and output.

For any further queries or clarifications, please feel free to contact us at **7021156564** or email us at info@apnashelterindiafoundation.com.

Looking forward to your response.

Best regards,

Warm regards,

(Chintapalli Raja Sekhar Shastry)
Chief Managing Director
Apna Shelter India Foundation

Building No. 1, Office No. 303 / 208, Krishna Plaza, Shivaji Path, Thane West, Maharashtra, India, Pincode: 400602
Email : apshinfoundation@gmail.com Mobile: +91 7021156564 Website: www.apnashelterindiafoundation.com

Endorsement Letter

Name of the Organization: New Raja Digital Photo Studio

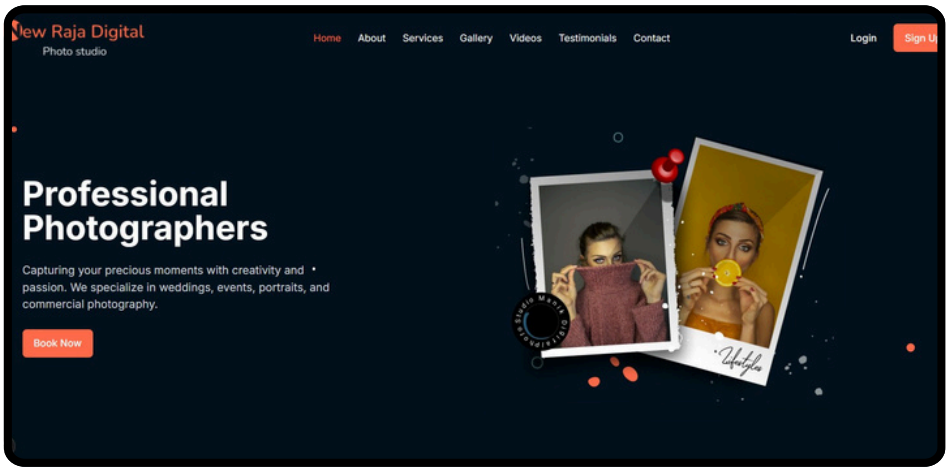
Photo Studio Management: Digitizing Photography Services for Efficiency and Growth

High-quality photography is essential for preserving memories and professional branding, yet traditional booking and management processes are often disorganized and inefficient. Many studios rely on manual scheduling and offline storage, leading to missed opportunities and client dissatisfaction. Our project, Photo Studio Management System, solves this issue by providing a seamless digital platform for photographers and clients. It enables easy appointment booking, secure image storage, and efficient workflow management, enhancing the overall photography experience.

It aligns with SDG 8: Decent Work and Economic Growth, by supporting photographers with better business management tools, SDG 9: Industry, Innovation, and Infrastructure, by modernizing photography services through digital solutions, and SDG 17: Partnerships for the Goals, by fostering collaboration between photographers, clients, and digital platforms to streamline operations and customer satisfaction.

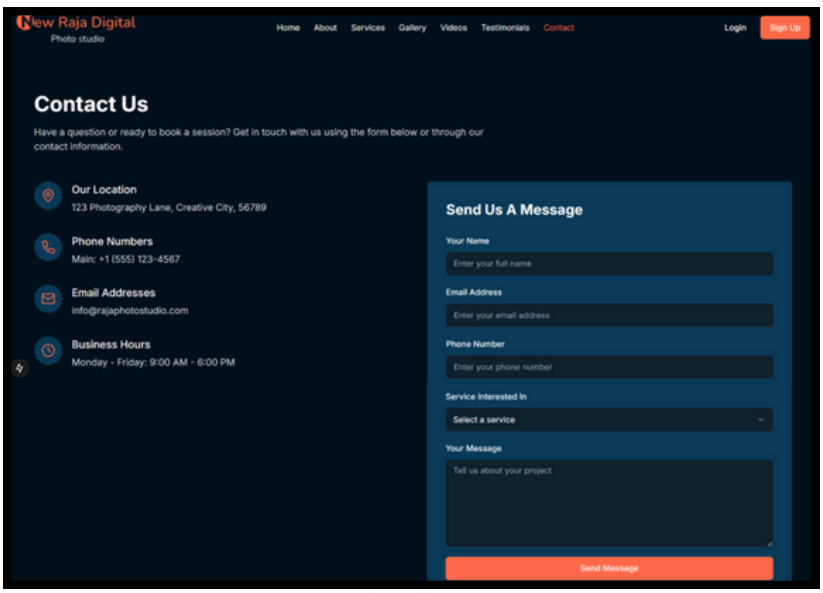
Group no. 09

Domain: Application Design and Product Development



Github Link Video Link

Team Members Name	Mentor
1. Ishan Jadhav 2. Harshavardhan Khamkar 3. Shravani Khopade 4. Dhruvika Bhatia	Ms. Geocey Shejy



Proposed Solution

Tools Used: Html, CSS, Javascript, React, MongoDB

New Raja Digital Studio
1,Siddhivinayak Arcade, New station rd,Kalyan.
9892048315 / 9702548315

14-02-2025

To
Geocey Shejy,Assistant Professor,
Dept.of Computer Engineering,VESIT,Chembur.

Subject: Endorsement Letter for Field Project titled Full stack web dev for New Raja Digital Studio

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, Ishan Jadhav, Harshavardhan Khamkar, Dhruvika Bhatia and Shravani Khopade visited our institution as part of their academic Field Project

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews, Documentation, App development during the period 13th to 14th February 2025

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Mr. Rakesh Bhatia
Co-founder
New Raja Digital Studio

Endorsement Letter

Name of the Organization: Chembur Fire Station

BRIDGING THE GAP BETWEEN YOU & FIREFIGHTERS – FASTER RESPONSE, SAFER COMMUNITIES.

Fire emergencies demand precision, speed, and coordination. AIFA (AI-Driven Firefighter Assistant) is a smart, AI-powered web dashboard designed to empower firefighters with seamless incident logging, equipment readiness tracking, and drill documentation—ensuring preparedness like never before.

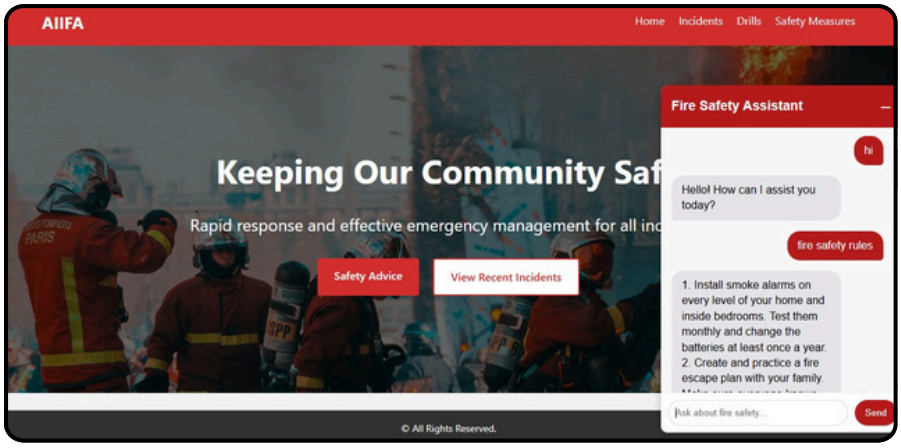
By aligning with SDG 8 (Decent Work & Economic Growth) and SDG 11 (Sustainable Cities & Communities), AIFA transforms fire department operations with structured data-driven decision-making and enhanced safety awareness, making cities safer, smarter, and more resilient.

Group no. 11

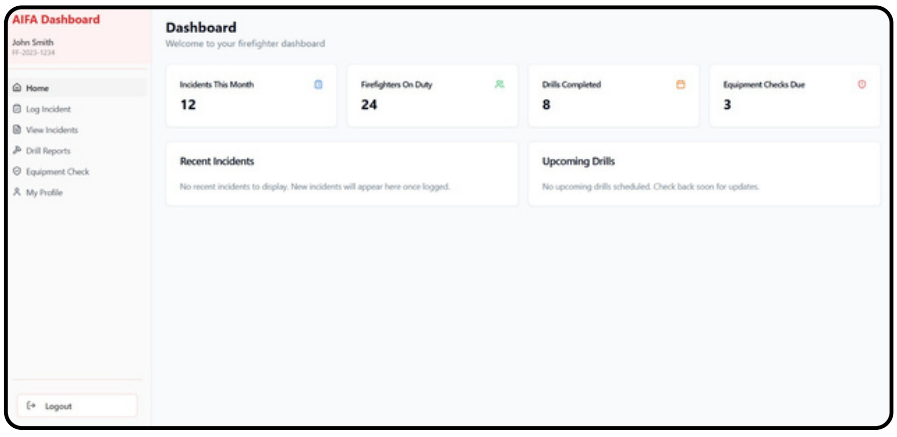
Domain: Application Design and Product Development

Team Members Name	Mentor
1. Neha Mankani 2. Jai Bhatia 3. Shraddha Bhagwat 4. Rochelle Ann Teddy	Mrs. Indu Dokare

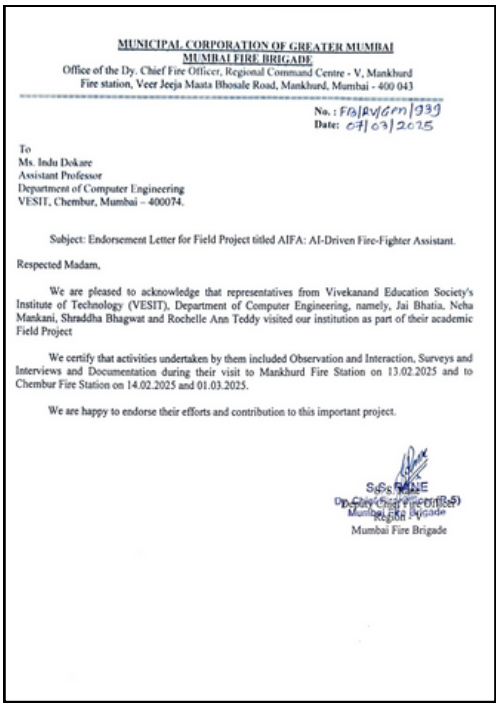
Citizen Portal



Firefighter Portal



GitHub Link Video Link



MUNICIPAL CORPORATION OF GREATER MUMBAI
MUMBAI FIRE BRIGADE
Office of the Dy. Chief Fire Officer, Regional Command Centre - V, Mankhurd
Fire station, Veer Jeeja Maata Bhosale Road, Mankhurd, Mumbai - 400 043

No. : FB/RVCM/939
Date: 07/03/2025

To
Ms. Indu Dokare
Assistant Professor
Department of Computer Engineering
VESIT, Chembur, Mumbai – 400074.

Subject: Endorsement Letter for Field Project titled AIFA: AI-Driven Fire-Fighter Assistant.

Respected Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, namely, Jai Bhatia, Neha Mankani, Shraddha Bhagwat and Rochelle Ann Teddy visited our institution as part of their academic Field Project

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews and Documentation during their visit to Mankhurd Fire Station on 13.02.2025 and to Chembur Fire Station on 14.02.2025 and 01.03.2025.

We are happy to endorse their efforts and contribution to this important project.

Mumbai Fire Brigade

Proposed Solution

Endorsement letter

Tools Used:Node js,express js,React,MongoDB

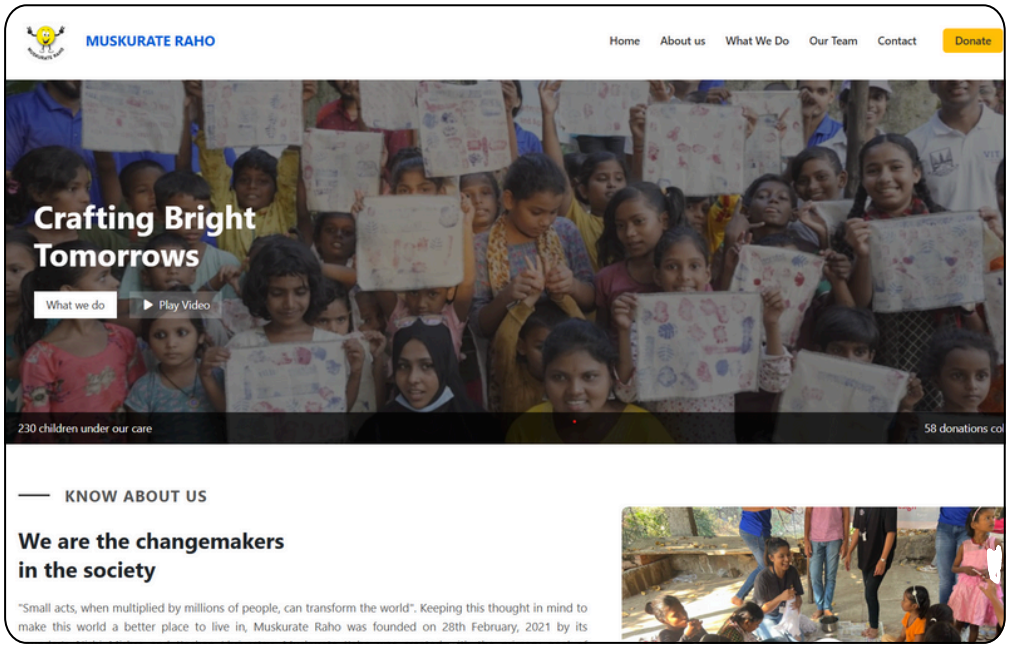
Name of the Organization: Muskurate Raho Foundation

REBUILDING FOR IMPACT: A WEBSITE REVAMP FOR MUSKURATE RAHO FOUNDATION

In today's digital age, a well-designed and accessible online platform is essential for NGOs to maximize their impact and engagement. Muskurate Raho, a community-driven NGO, lacked a user-friendly website to effectively showcase its initiatives, connect with volunteers, and streamline participation. Recognizing this need, our team is revamping the website to enhance navigation, responsiveness, and accessibility, ensuring an inclusive experience for all users, including individuals with disabilities. The new platform will feature an engaging layout, impact stories, interactive elements, and streamlined registration processes to encourage greater involvement. By strengthening the NGO's digital presence, we aim to foster a more connected and active community, driving meaningful social change.

Domain: Application Design and Product Development

Group no. 12



GitHub Video link

Team Members Name

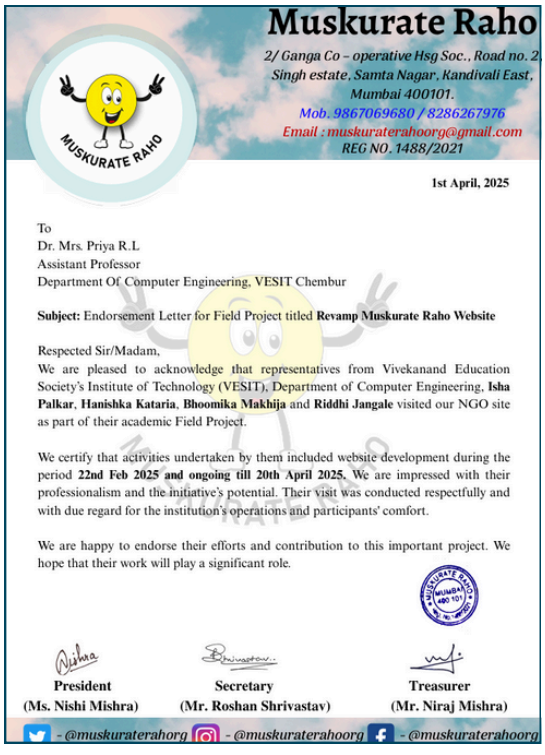
1. Hanishka Kataria
2. Riddhi Jangale
3. Bhoomika Makhija
4. Isha Palkar

Mentor

Dr. Mrs. Priya R.L.

Proposed Solution

Tools Used: HTML, CSS, BootStrap,JavaScript, PHP, Laravel, MySQL



Muskurate Raho
2/ Ganga Co - operative Hsg Soc., Road no. 2, Singh estate, Samta Nagar, Kandivali East, Mumbai 400101.
Mob. 9867069680 / 8286267976
Email : muskurateraahoorg@gmail.com
REG NO. 1488/2021

1st April, 2025

To
Dr. Mrs. Priya R.L
Assistant Professor
Department Of Computer Engineering, VESIT Chembur

Subject: Endorsement Letter for Field Project titled **Revamp Muskurate Raho Website**

Respected Sir/Madam,
We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Isha Palkar**, **Hanishka Kataria**, **Bhoomika Makhija** and **Riddhi Jangale** visited our NGO site as part of their academic Field Project.

We certify that activities undertaken by them included website development during the period **22nd Feb 2025 and ongoing till 20th April 2025.** We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

President (Ms. Nishi Mishra) | Secretary (Mr. Roshan Shrivastav) | Treasurer (Mr. Niraj Mishra)

- @muskurateraahoorg - @muskurateraahoorg - @muskurateraahoorg

Endorsement Letter

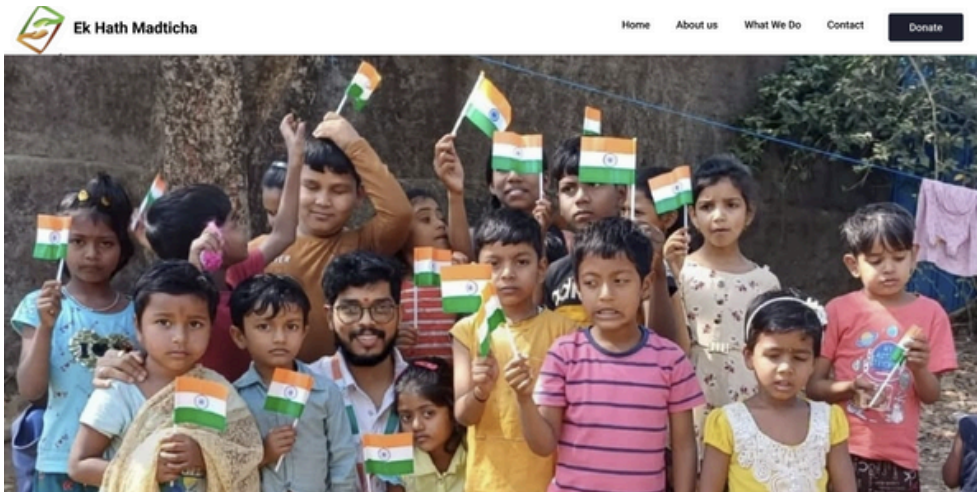
Name of the Organisation: Ek Hath Madticha

Ek Hath Maditcha: Empowering Communities Through Sustainable Giving

Many individuals want to volunteer but lack a centralized platform, while donation drives struggle with visibility and outreach. The Ek Hath Maditcha website bridges this gap by recruiting volunteers and showcasing initiatives, ensuring greater engagement and transparency. Aligning with SDG 4 (Quality Education), it helps underprivileged children access educational resources, and SDG 10 (Reduced Inequalities) by supporting marginalized communities. Through better accessibility, participation, and awareness, the platform strengthens community efforts and amplifies social impact.

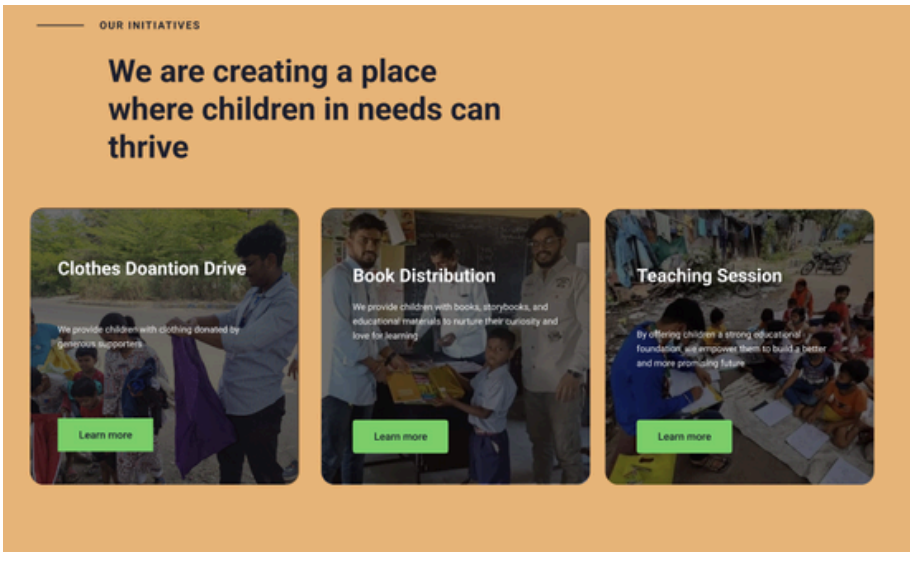
Group No:13

Domain: Application Design and Product Development



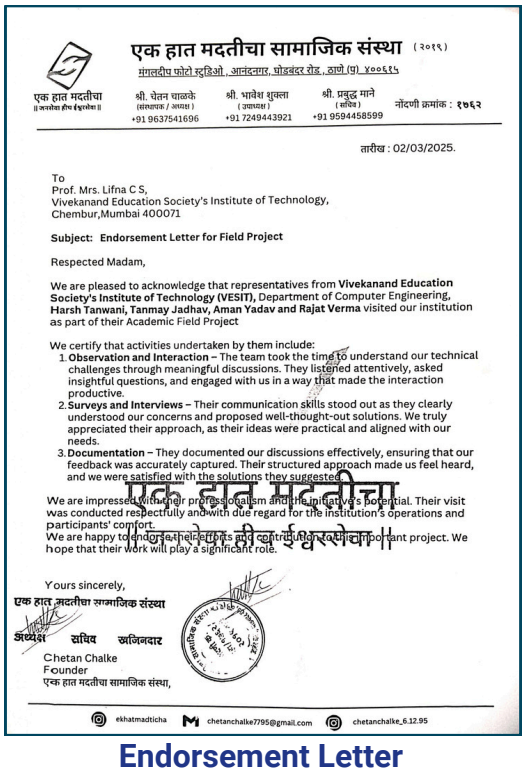
Team Member's Name	Mentor
1. Harsh Tanwani 2. Tanmay Jadhav 3. Aman Yadav 4. Rajat Verma	Mrs. Lifna CS

Github Link Video Link



Proposed Solution

Tools used: React js, MongoDB, Node js, Express js



एक हात मदतीचा सामाजिक संस्था (२०१९)
मंगलदीप फोटो स्टुडिओ , आनंदनगर, गोडबंदर रोड , ठाणे (प) ४००६१५

एक हात मदतीचा
॥ जनसेवा हीच ईश्वरसेवा ॥

श्री. चेतन चाळके (संस्थापक / अध्यक्ष) +91 9637541696
श्री. भावेश शुक्ला (उपाध्यक्ष) +91 7249443921
श्री. प्रबुद्ध माने (सचिव) +91 9594458599
नोंदणी क्रमांक : १७६२

तारीख : 02/03/2025.

To
Prof. Mrs. Lifna C S,
Vivekanand Education Society's Institute of Technology,
Chembur,Mumbai 400071

Subject: Endorsement Letter for Field Project

Respected Madam,

We are pleased to acknowledge that representatives from **Vivekanand Education Society's Institute of Technology (VESIT),** Department of Computer Engineering, **Harsh Tanwani, Tanmay Jadhav, Aman Yadav and Rajat Verma** visited our institution as part of their Academic Field Project

We certify that activities undertaken by them include:

1. **Observation and Interaction –** The team took the time to understand our technical challenges through meaningful discussions. They listened attentively, asked insightful questions, and engaged with us in a way that made the interaction productive.
2. **Surveys and Interviews –** Their communication skills stood out as they clearly understood our concerns and proposed well-thought-out solutions. We truly appreciated their approach, as their ideas were practical and aligned with our needs.
3. **Documentation –** They documented our discussions effectively, ensuring that our feedback was accurately captured. Their structured approach made us feel heard, and we were satisfied with the solutions they suggested.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.
We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

एक हात मदतीचा ॥ जनसेवा हीच ईश्वरसेवा ॥

Yours sincerely,
एक हात मदतीचा सामाजिक संस्था
अध्यक्ष सचिव अजिनदार
Chetan Chalke
Founder
एक हात मदतीचा सामाजिक संस्था,

ekhatmadticha chetanchalke7795@gmail.com chetanchalke_6.12.95

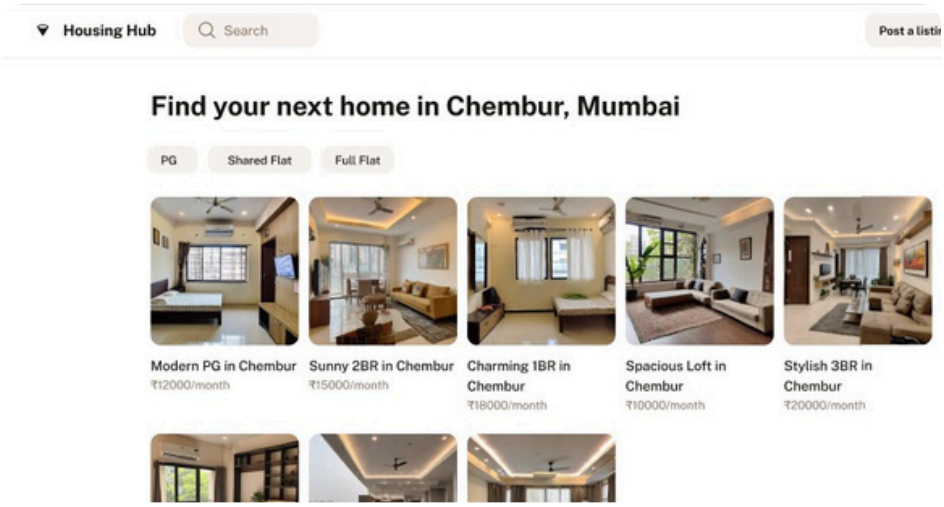
Endorsement Letter

HOUSING HUB: Revolutionizing the Rental Experience

Housing Hub is a platform designed to solve major rental problems in Mumbai. It connects four key groups: bachelors looking for flats, brokers managing deals, flatmates searching for shared spaces, and owners renting out properties. Our goal is to make the rental process simple, transparent, and hassle-free by eliminating bias, reducing scams, and offering a fair housing experience for everyone.

Group no.14

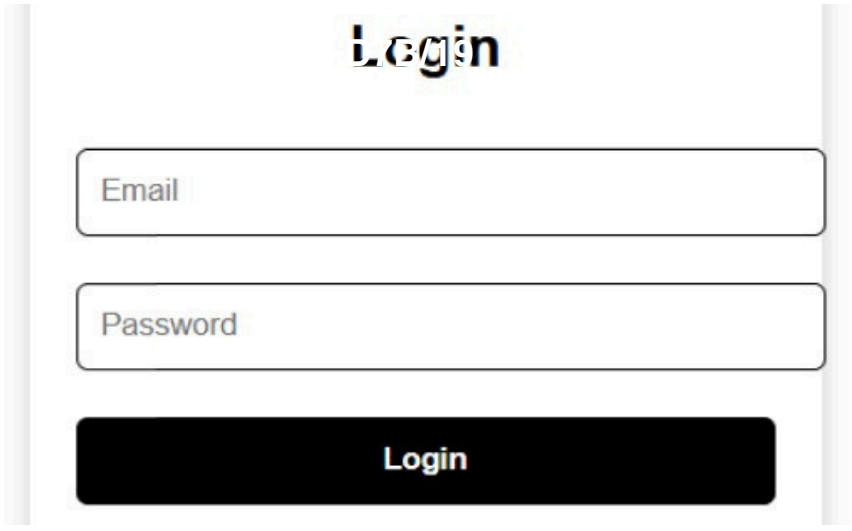
Domain: Application Design and Product Development

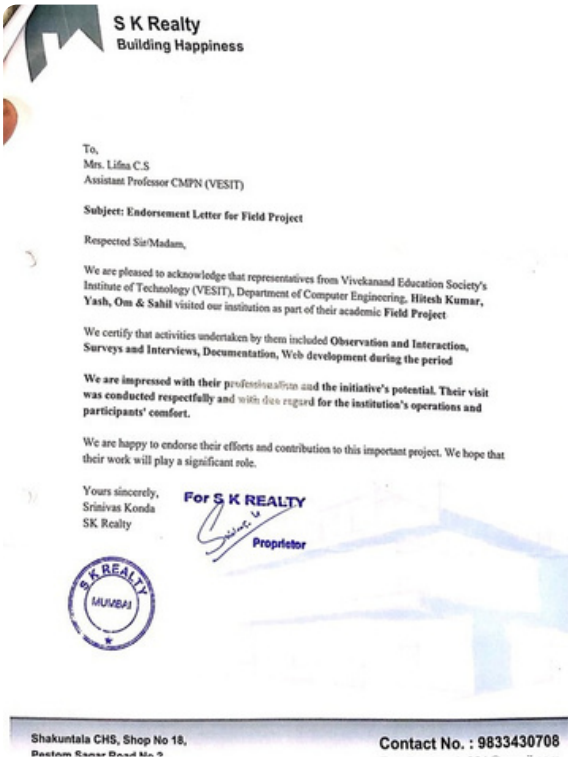


Team Members Names	
Hiteshkumar Bajaj	D7C/04
Yash Israni	
Sahil Jethnani	D7B/21
Om Totani	D7B/57

Mentor
Mrs. Lifna C.S

Git-Hub Video Link





Tools Used: HTML, CSS, Javascript, MYSQL, Node.js

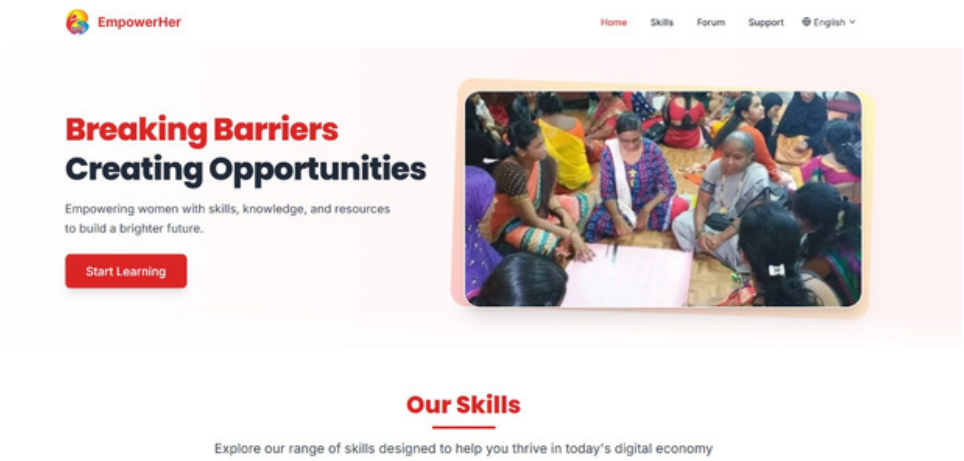
Name of the Organisation:The Women's Welfare Foundation

EMPOWER HER: EDUCATE, ELEVATE, EMPOWER!

Women face significant challenges in education, employment, and entrepreneurship due to financial constraints, digital illiteracy, and limited access to resources. Empower Her addresses these barriers by providing skill development programs, digital literacy workshops, and entrepreneurial support, ensuring sustainable growth and financial independence. By integrating Sustainable Development Goals (SDGs) and leveraging community engagement, the project creates long-term impact and scalable solutions for women's empowerment.

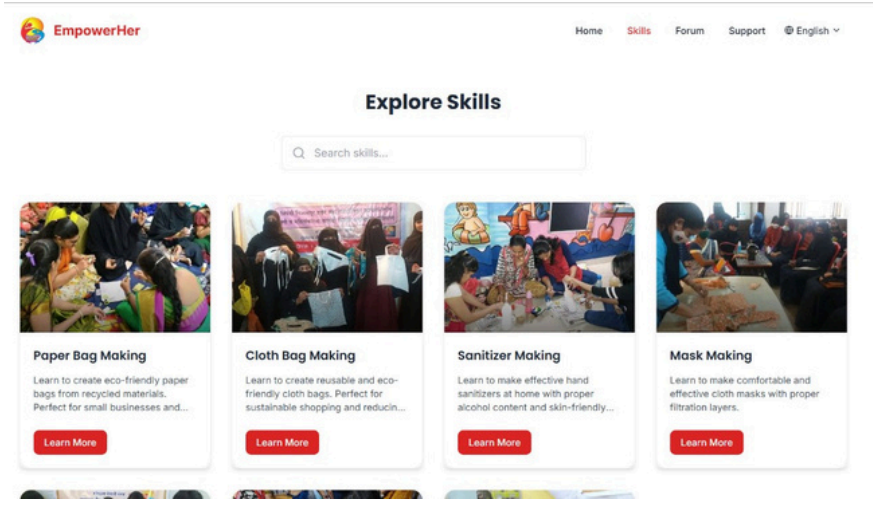
Group No:15

Domain:Application Design and Product Development

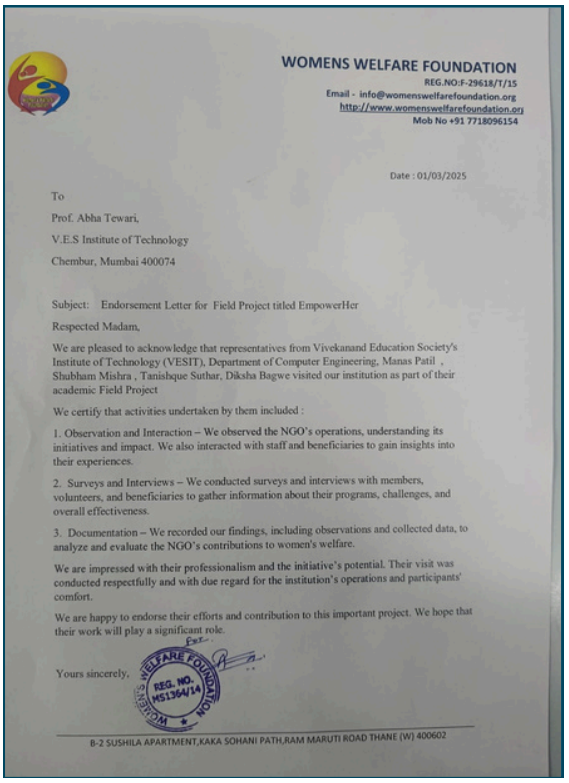


Github Link Video Link

Team Member's Name	Mentor
1. Manas Patil	Mrs.Abha Tewari
2. Tanishque Suthar	
3. Shubham Mishra	
4. Diksha Bagwe	



Proposed Solution


WOMENS WELFARE FOUNDATION
REG.NO:F-29618/T/15
Email - info@womenswelfarefoundation.org
http://www.womenswelfarefoundation.org
Mob No +91 7718096154

Date : 01/03/2025

To
Prof. Abha Tewari,
V.E.S Institute of Technology
Chembur, Mumbai 400074

Subject: Endorsement Letter for Field Project titled EmpowerHer

Respected Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, Manas Patil , Shubham Mishra , Tanishque Suthar, Diksha Bagwe visited our institution as part of their academic Field Project

We certify that activities undertaken by them included :

1. Observation and Interaction – We observed the NGO's operations, understanding its initiatives and impact. We also interacted with staff and beneficiaries to gain insights into their experiences.

2. Surveys and Interviews – We conducted surveys and interviews with members, volunteers, and beneficiaries to gather information about their programs, challenges, and overall effectiveness.

3. Documentation – We recorded our findings, including observations and collected data, to analyze and evaluate the NGO's contributions to women's welfare.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

WELFARE FOUNDATION REG. NO. MS1364/14

B-2 SUSHILA APARTMENT,KAKA SOHANI PATH,RAM MARUTI ROAD THANE (W) 400602

Endorsement Letter

Tools used:React js,Javascript,MongoDB,Node js,Express js,Groq

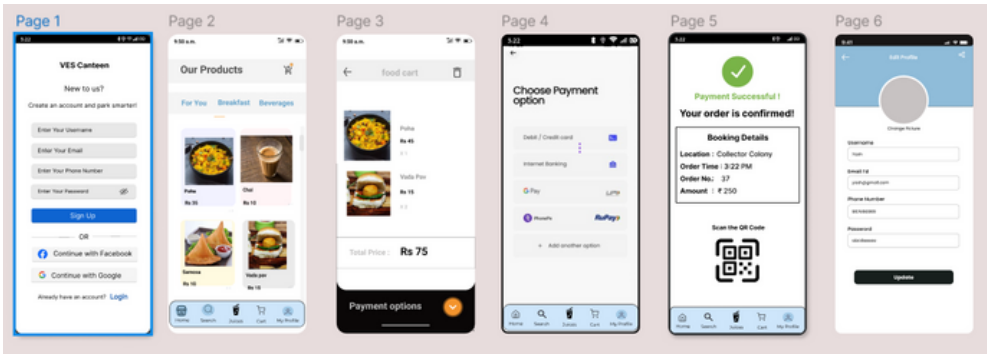
Name of the Organisation: VES Canteen

SMART CANTEEN

In today's fast-paced world, long queues in college canteens can lead to unnecessary delays and inefficiencies. Our Smart Canteen PWA aims to digitalize the ordering and payment system, allowing students and faculty to book meals in advance and reduce wait times. This initiative streamlines the canteen experience, ensuring convenience and efficiency while promoting a cashless, hassle-free process.

Group No: 16

Domain: Application Design and Product Development



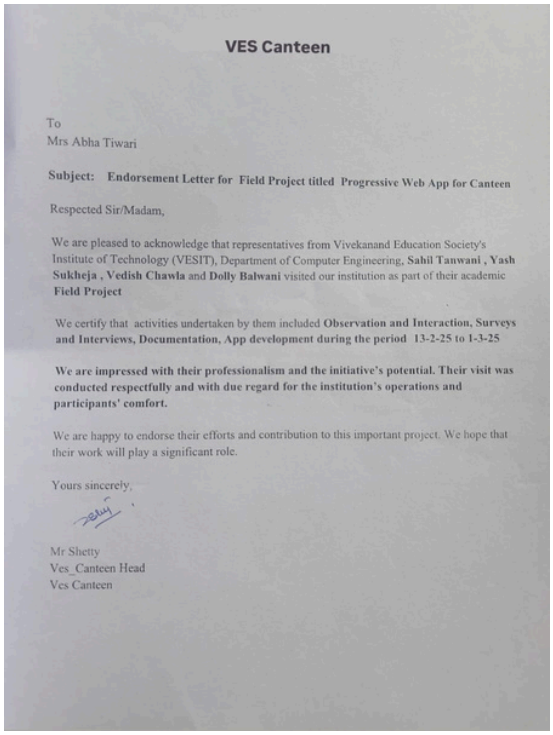
Team Member's Name	Mentor
1. Dolly Balwani 2. Vedish Chawla 3. Sahil Tanwani 4. Yash Sukheja	Mrs. Abha Tewari

GitHub Link Video Link

Proposed Solution

Our Smart Canteen PWA is designed to digitize the canteen experience at VESIT by:

- Pre-ordering meals – Users can book food in advance to avoid long queues.
- Digital payments – Supports online transactions, reducing cash dependency.
- Real-time order tracking – Students get notified when their food is ready.
- User-friendly interface – Built using React and Tailwind CSS for a seamless experience.
- Data-driven insights – Helps canteen staff manage inventory efficiently, reducing food wastage.



VES Canteen

To
Mrs Abha Tiwari

Subject: Endorsement Letter for Field Project titled Progressive Web App for Canteen

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Sahil Tanwani , Yash Sukheja , Vedish Chawla** and **Dolly Balwani** visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, App development during the period 13-2-25 to 1-3-25**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Mr Shetty
Ves_Canteen Head
Ves Canteen

Endorsement Letter

Tools Used: React.js, Tailwind CSS, Firebase, Razorpay/UPI, PWA (Progressive Web App).

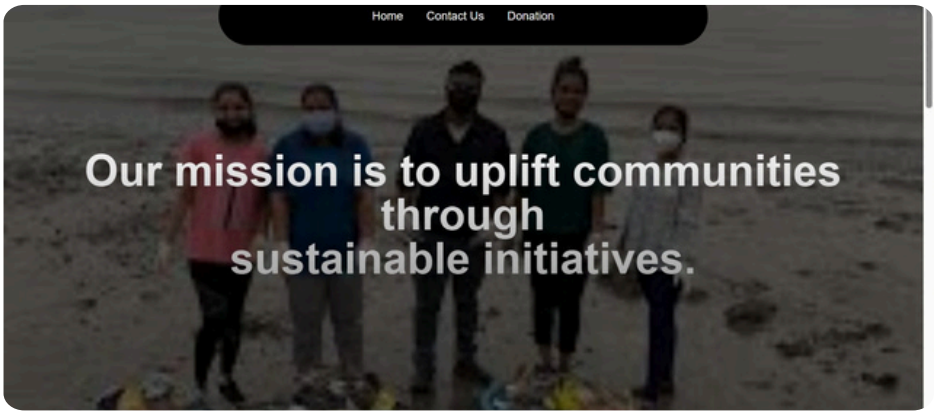
Name of the Organization: Human Team foundation

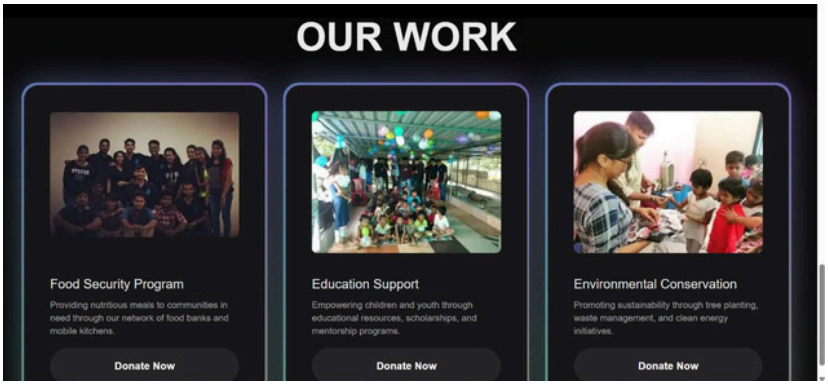
Website for Human Team Foundation NGO

Non-governmental organizations (NGOs) play a vital role in addressing social issues, but many face significant challenges in digital outreach, fundraising, and volunteer engagement. In today's world, having an online presence is crucial to increasing impact, yet many NGOs lack the resources or technical knowledge to establish one. Human Team Foundation is such an NGO that actively works across multiple causes, including Food Donation, Child Education, Beach Cleaning. Without a strong digital presence, countless organizations struggle to attract donors, coordinate volunteers, and showcase their impact. Recognizing this gap, we are working with the Human Team Foundation to develop a dedicated website for the NGO that will amplify their mission and help them create a greater social impact. Through technology, community engagement, and strategic partnerships, we aim to empower the Human Team Foundation to reach more people, raise essential funds, and create a lasting positive change in society.

Group no: 18

Domain: Application Design and Product Development



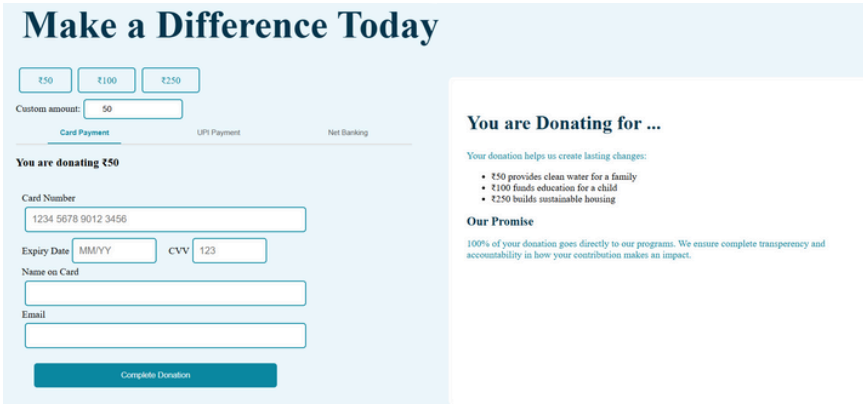


GitHub Link

Video Link

Team Members:
1. Shivam Chaugule
2. Meghana Poojary
3. Madhura Walawalkar
4. Roma Yadav

Mentor:
Mrs. Mannat Doultani



Proposed Solution

Tools used: Reactjs, MongoDB, Nodejs, Nextjs

Endorsement Letter

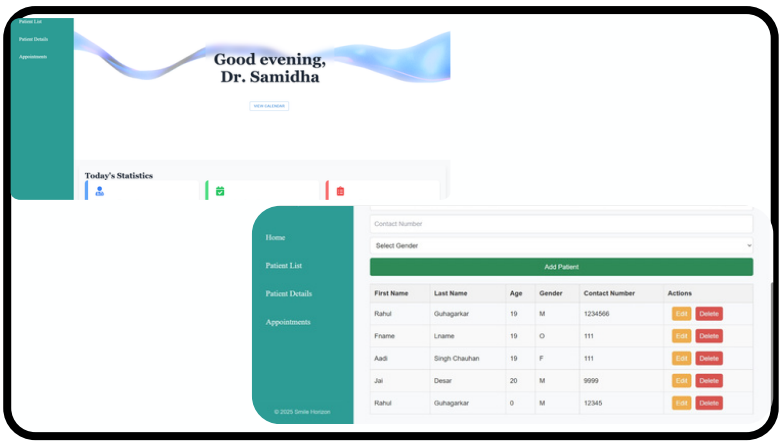
Name of the Organization: All Smiles Dental Care Center, Thane West

SMILE HORIZON

In today's fast-paced world, managing a dental clinic efficiently requires a seamless digital solution. Smile Horizon aims to revolutionize the way dentists handle appointments, patient records, and billing. Our team has developed a user-friendly web-based management system that simplifies clinic operations while ensuring data security and accessibility. With this initiative, we strive to enhance patient experience and streamline clinic workflows.

Domain : Application Design and Product Development

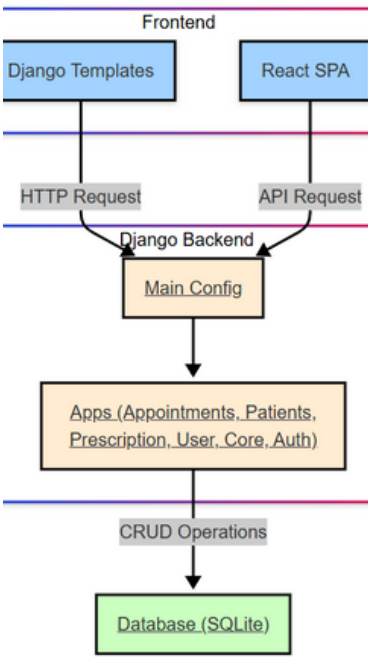
Group no. 19



Developed By :-
- Yash Mahajan [D7C/27]
- Jai Desar [D7C/12]
- Rahul Guhagarkar [D7C/16]
- Akul Patre [D7C/44]

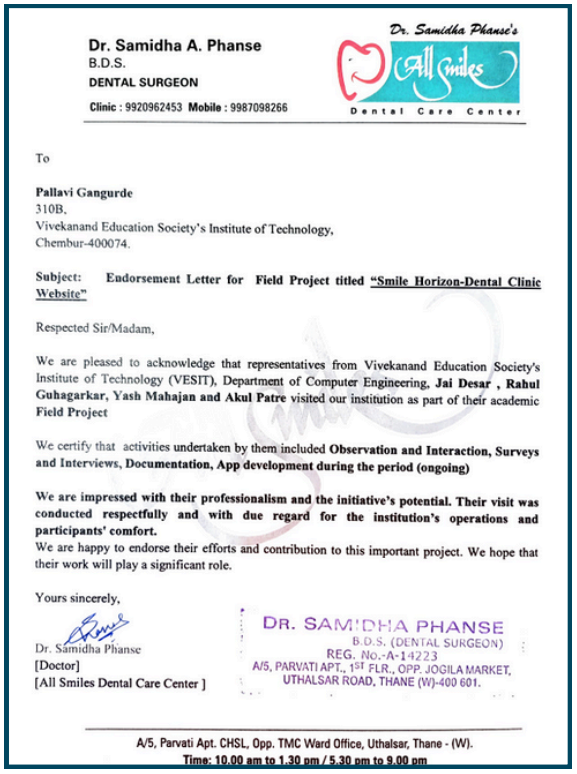
Mentor
Mrs. Pallavi Gangurde

Github Video link



Smile Horizon simplifies clinic management by automating appointments, maintaining digital patient records, sending timely reminders and streamlining billing processes. By reducing manual workload, minimizing errors, and enhancing accessibility, it ensures efficient operations, improved patient experience, and better time management for healthcare professionals. Our system simplifies clinic management by :-

- ✅ Automating Appointments – Easy booking & scheduling
- ✅ Securing Patient Records – Safe & organized storage
- ✅ Sending Timely Reminders – Reducing no-shows
- ✅ Streamlining Billing – Faster & hassle-free payments
- ✅ Enhancing Efficiency – Focus more on patient care



Dr. Samidha A. Phanse
B.D.S.
DENTAL SURGEON
Clinic : 9920962453 Mobile : 9987098266

Dr. Samidha Phanse's All Smiles Dental Care Center

To

Pallavi Gangurde
310B,
Vivekanand Education Society's Institute of Technology,
Chembur-400074.

Subject: Endorsement Letter for Field Project titled "Smile Horizon-Dental Clinic Website"

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Jai Desar , Rahul Guhagarkar, Yash Mahajan and Akul Patre** visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, App development during the period (ongoing)**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.
We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Dr. Samidha Phanse
[Doctor]
[All Smiles Dental Care Center]

DR. SAMIDHA PHANSE
B.D.S. (DENTAL SURGEON)
REG. No.-A-14223
A/5, PARVATI APT., 1ST FLR., OPP. JOGILA MARKET, UTHALSAR ROAD, THANE (W)-400 601.

A/5, Parvati Apt. CHSL, Opp. TMC Ward Office, Uthalsar, Thane - (W).
Time: 10.00 am to 1.30 pm / 5.30 pm to 9.00 pm

Endorsement Letter

Proposed Solution

Tools used: React, Django, Tailwind, Spline, SQLlite

Name of the Organization: Maa Krupa Provision Store

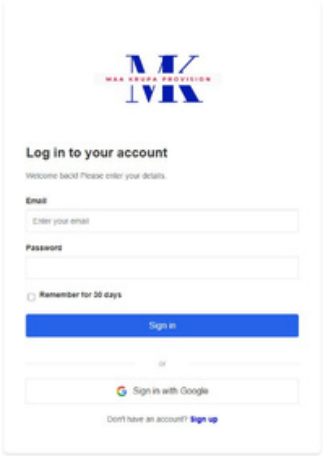
Website For Maa Krupa Provision Store

Small and medium-sized retail businesses often struggle with inventory management, leading to overstocking, stockouts, and financial losses. Efficient tracking of inventory, sales trends, and stock replenishment is essential for maximizing profitability and operational efficiency. Maa Krupa Provisional Store is a SaaS-based solution designed to revolutionize inventory management for retail businesses.

With real-time stock tracking, automated low-stock alerts, and insights into best-selling products, our platform helps store owners make data-driven decisions. Many small retailers lack the technological expertise or resources to implement advanced inventory management systems, which results in inefficiencies and revenue loss. Our solution bridges this gap by providing an easy-to-use, cloud-based platform that enhances stock control, optimizes procurement, and improves overall business performance.

Group no: 20

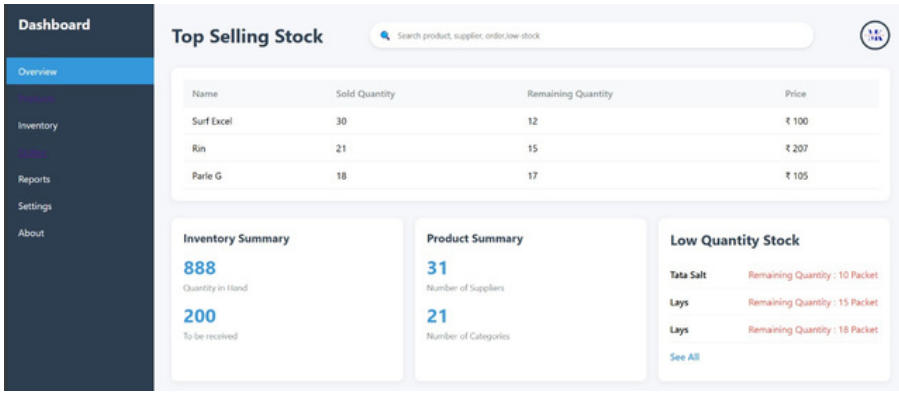
Domain: Application Design and Product Development



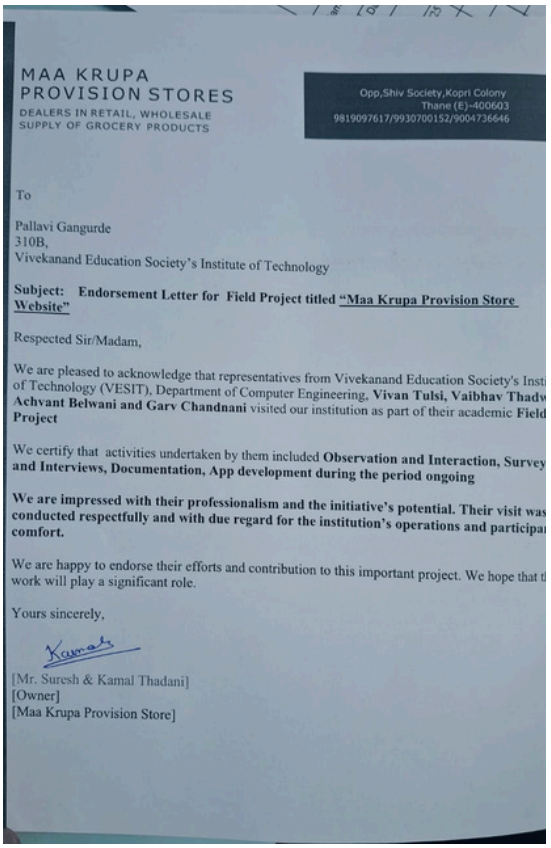
GITHUB LINK Video Link

Team Members:
1. Vivan Tulsi
2. Vaibhav Thadwani
3. Achvant Belwani
4. Garv Chandnani

Mentor:
Mrs. Pallavi Gangurde



Proposed Solution


MAA KRUPA
PROVISION STORES
DEALERS IN RETAIL, WHOLESALE
SUPPLY OF GROCERY PRODUCTS

Opp,Shiv Society,Kopri Colony
Thane (E)-400603
9819097617/9930700152/9004736646

To

Pallavi Gangurde
310B,
Vivekanand Education Society's Institute of Technology

Subject: Endorsement Letter for Field Project titled "Maa Krupa Provision Store Website"

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Inst of Technology (VESIT), Department of Computer Engineering, **Vivan Tulsi, Vaibhav Thadw Achvant Belwani and Garv Chandnani** visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Survey and Interviews, Documentation, App development during the period ongoing**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participa comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that t work will play a significant role.

Yours sincerely,

[Mr. Suresh & Kamal Thadani]
[Owner]
[Maa Krupa Provision Store]

Endorsement Letter

Tools used: HTML, MongoDB, CSS, JavaScript

INNOVATIVE SUSTAINABLE DEVELOPMENT THROUGH FIELD PROJECTS

ACADEMIC YEAR 2024-25

DEPARTMENT OF COMPUTER ENGINEERING

Name of the Organization: Jeev Daya Sansthan

E-SAHAYATA : DIGITAL TRANSFORMATION FOR SOCIAL IMPACT

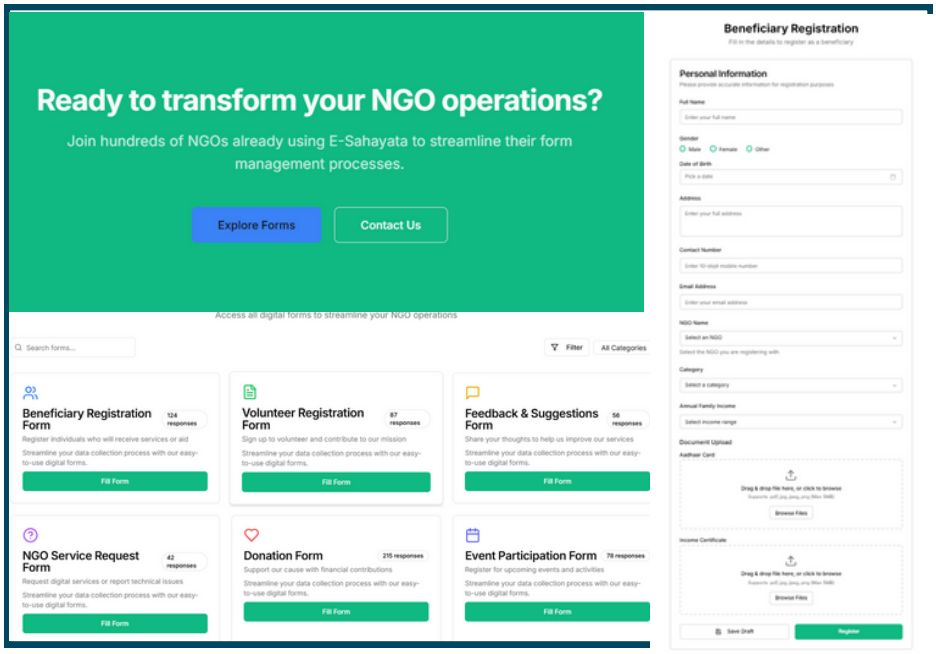
In today's digital era, organizations striving for social impact must embrace technology to enhance efficiency and accessibility. Our project, E-Sahayata, focuses on transforming manual processes into a seamless digital experience, enabling real-time data access and streamlined operations for NGOs.

To support this initiative, we developed a web platform that automates data management, minimizes human errors. The platform ensures efficient record-keeping, instant retrieval of information, and optimized workflows, ultimately allowing NGOs to allocate resources more effectively and maximize their impact.

By integrating digital solutions, E-Sahayata empowers organizations to overcome operational challenges, improve service delivery, and drive sustainable development, making essential social services more accessible and efficient.

Group no. 21

DOMAIN: APPLICATION DESIGN AND PRODUCT DEVELOPMENT



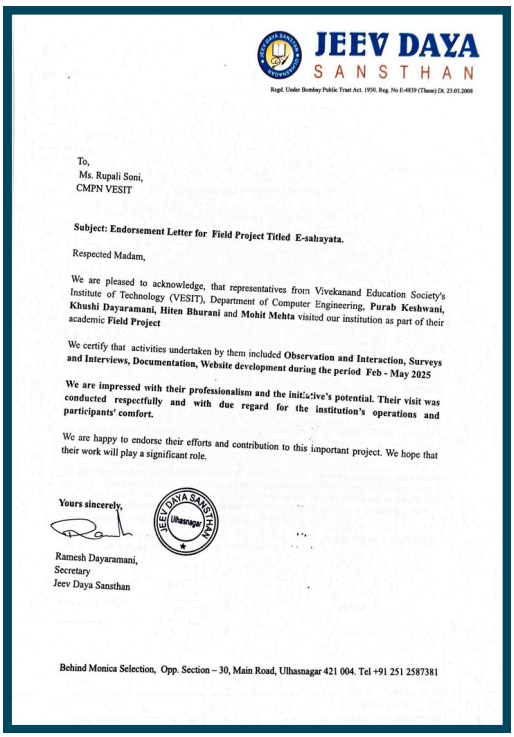
Github Link Video Link

Team Members Name	Mentor
1.Purab Keshwani 2.Hiten Bhurani 3.Khushi Dayaramani 4.Mohit Mehta	Mrs. Rupali Soni

Proposed Solution

E-Sahayata: Transforming NGO Operations with Digital Solution

1. **Automating Manual Processes:** Streamlines operations through digital form-filling, reducing errors, saving time, and improving workflow efficiency
2. **Centralized Data Management:** Ensures secure, encrypted storage with real-time accessibility, allowing employees to retrieve beneficiary records with ease
3. **Enhanced Service Delivery:** Facilitates faster approvals, minimizing delays and ensuring beneficiaries receive assistance promptly.
4. **Promoting Sustainability:** Supports scalable and eco-friendly digital solutions for long-term impact.
5. **Empowering NGOs:** Facilitates efficient operations, allowing staff to focus on community welfare initiatives.
6. **Personalized Interaction:** While optimizing workflows, it preserves the human connection vital for building trust with beneficiaries.
7. **Minimizing Data Security Risks:** Digital platforms safeguard sensitive information from loss or unauthorized access.
8. **Fostering Long-Term Scalability:** Allows organizations to expand their reach and support more beneficiaries over time.



JEEV DAYA SANSTHAN

Regd. Under Bombay Public Trust Act. 1950. Reg. No E-4839 (Thane) Dt. 23.03.2008

To,
Ms. Rupali Soni,
CMPN VESIT

Subject: Endorsement Letter for Field Project Titled E-sahayata.

Respected Madam,

We are pleased to acknowledge, that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Purab Keshwani, Khushi Dayaramani, Hiten Bhurani** and **Mohit Mehta** visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, Website development during the period Feb - May 2025**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Ramesh Dayaramani,
Secretary
Jeev Daya Sansthan

Behind Monica Selection, Opp. Section – 30, Main Road, Ulhasnagar 421 004. Tel +91 251 2587381

Endorsement Letter

Tools Used : Next.js , React , TypeScript , Tailwind CSS , Database: Supabase

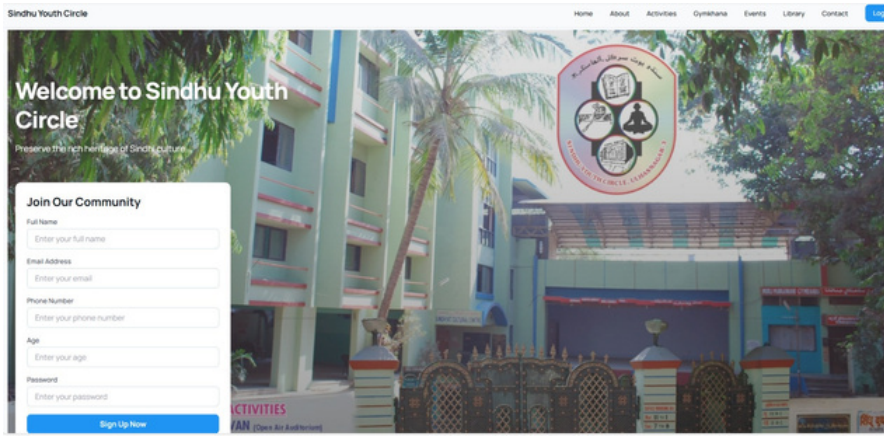
Name of the Organization: Sindhu Youth Circle

WEBSITE FOR SINDHU YOUTH CIRCLE :- DIGITAL TRANSFORMATION OF SINDHU YOUTH CIRCLE

Sindhu Youth Circle Digital Transformation is an innovative platform designed to enhance community engagement by making information easily accessible and streamlining communication between members, organizers, and volunteers.
Aligned with **SDG 3** (Good Health & Well-Being), the platform promotes fitness and wellness through structured Gymkhana schedules, trainer profiles, and easy session sign-ups. Supporting **SDG 4** (Quality Education), the Library section provides seamless book reservations and due date tracking, ensuring better access to knowledge. Furthermore, by fostering SDG 17 (Partnerships for the Goals), the platform strengthens collaborations with organizations and individuals, enhancing event participation and resource-sharing.

Group no. 22

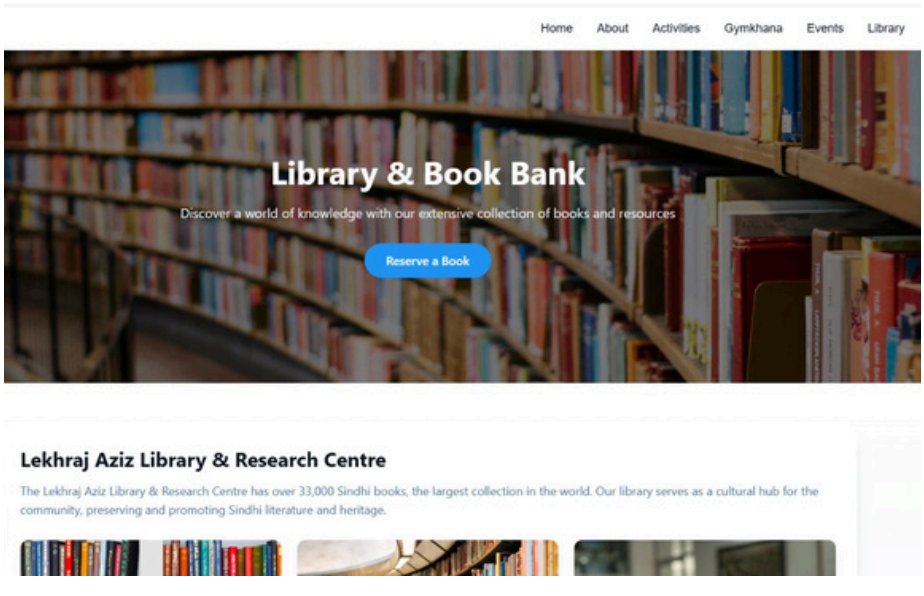
Domain: Application design and Product development



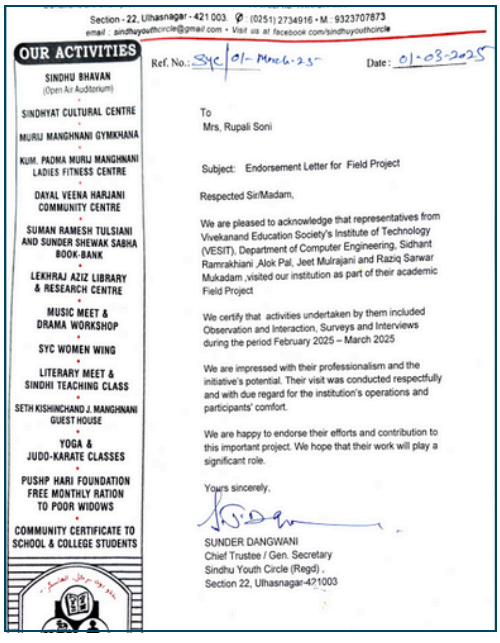
Team Members Name	Mentor
1. Sidhant Ramrakhiani 2. Alok Pal 3. Jeet Mulrajani 4. Raziqsarwar Mukadam	Mrs. Rupali Soni

Github Link

Video Link



Proposed Solution



Endorsement Letter

Tools Used: React.js, Vite, Tailwind CSS, Node.js, Express.js, MongoDB.

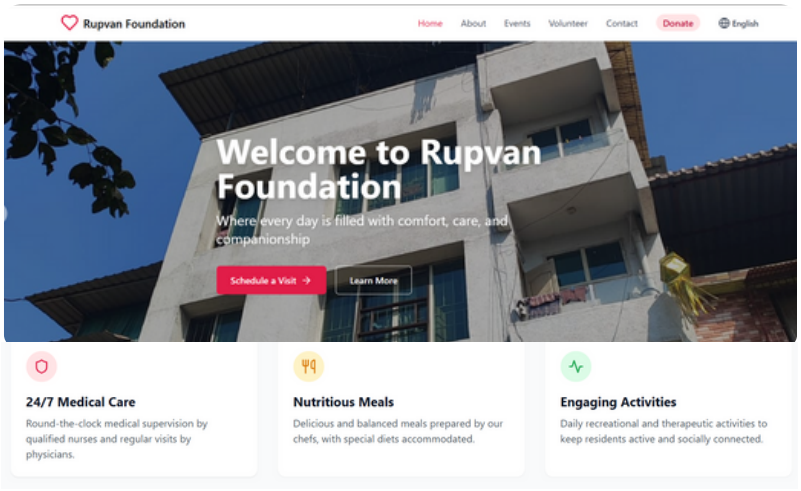
Name of the Organization: Rupvan Foundation

RUPVAN GOLDEN AGE HOME WEBSITE– BRIDGING HEARTS, ENRICHING LIVES.

Rupvan Golden Age Home is a dedicated digital platform designed to enhance elderly care by making information accessible and streamlining communication between residents, caregivers, and well-wishers. Aligned with **SDG 3** (Good Health & Well-Being), it ensures personalized healthcare support and wellness programs for our residents. Through **SDG 8** (Decent Work & Economic Growth), it empowers caregivers with digital tools to provide efficient and compassionate service. Our commitment to **SDG 17** (Partnerships for the Goals) fosters collaboration with organizations and communities to continuously improve the quality of elderly care. With this website we combine tradition with technology to bring dignity, connection, and a true sense of home to every resident.

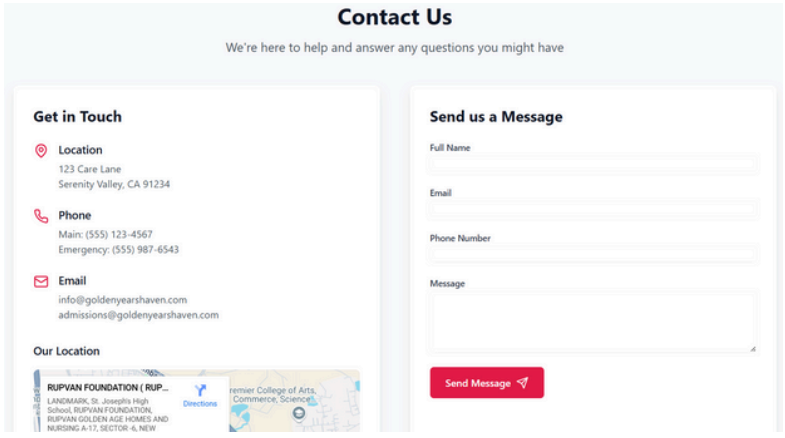
Domain: Application design and Product development

Group No. 23



Team Members Name	Mentor
1. Shivam Jha 2. Gaurang Gade 3. Harshita Sewani 4. Ashutoshkumar Tripathi	Mrs. Nusrat Ansari

GitHub Video link



Proposed Solution


RUPVAN FOUNDATION
Reg No.U85300MH2021NPL369643

To
Nusrat Ansari,
Field Project Mentor
Department of Computer Engineering, VESIT

Subject: Endorsement Letter for Field Project titled Website for Old Age Home

Respected Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Shivam Jha, Gaurang Gade, Harshita Sewani** and **AshutoshKumar Tripathi** visited our institution as part of their academic **Field Project.**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, and developing a website for Rupvan Foundation's old age home during the period** 14-02-2025 to 01-03-2025

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participant's comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

RUPVAN FOUNDATION
Director

Rupali Gajakosh
Founder, Director
Rupvan Foundation

Add : 302, Building-2, Sector-2, Economy, Mahalaxmi Nagar, Nere Village, Panvel, Dist Raigad - 410 206.
Email : rupvanfoundation@gmail.com Contact : 9326790060 / 7700020532

Endorsement Letter

Tools Used: Vite, Tailwind CSS, Node.js, Express.js, MongoDB.

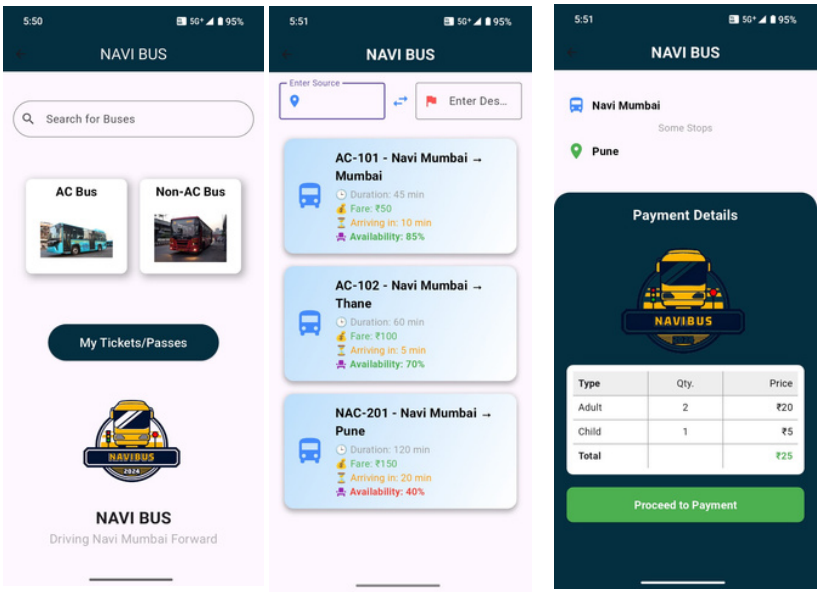
Name of the Organization: Navi Mumbai Municipal Transport (NMMT)

NAVI BUS

Urban commuters face significant challenges due to unreliable bus schedules, inefficient ticketing processes, hard to navigate and understand UI and limited payment options. The absence of real-time tracking leads to uncertainty and increased wait times, while the reliance on cash-based ticketing slows down the boarding process. These inefficiencies discourage the use of public transport, leading to higher dependence on private vehicles, increased traffic congestion, and higher carbon emissions.

Group No. 24

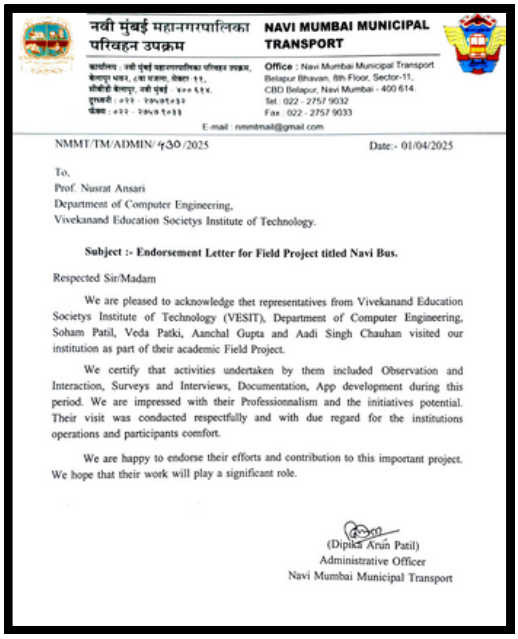
Domain: Application Design and Product Development



Team Members Name	Mentor
Soham Arun Patil Veda Dinesh Patki Aanchal Kumari Gupta Aadi Singh	Prof. Nusrat Ansari

[GitHub Link](#) [Video Link](#)

NaviBus, a smart bus tracking and ticketing system will feature real-time GPS tracking with ETA predictions, allowing commuters to plan their journeys efficiently. This app will provide live bus locations, route planning, and service alerts to keep users informed. The system will support QR-based and contactless NFC ticketing, enabling cashless and hassle-free boarding with multiple payment options, including UPI, wallets, and cards. With a modern UI, users will find it easy to navigate and get information on bus routes and fares.



नवी मुंबई महानगरपालिका परिवहन उपक्रम
NAVI MUMBAI MUNICIPAL TRANSPORT

Office : Navi Mumbai Municipal Transport
Belapur Bhavan, 8th Floor, Sector-11,
CBD Belapur, Navi Mumbai - 400 614.
Tel : 022 - 2757 9032
Fax : 022 - 2757 9033
E-mail : nmmtmail@gmail.com

NMMT/TM/ADMIN/ 430 /2025 Date:- 01/04/2025

To,
Prof. Nusrat Ansari
Department of Computer Engineering,
Vivekanand Education Societys Institute of Technology.

Subject :- Endorsement Letter for Field Project titled Navi Bus.

Respected Sir/Madam

We are pleased to acknowledge thet representatives from Vivekanand Education Societys Institute of Technology (VESIT), Department of Computer Engineering, Soham Patil, Veda Patki, Aanchal Gupta and Aadi Singh Chauhan visited our institution as part of their academic Field Project.

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews, Documentation, App development during this period. We are impressed with their Professionnalism and the initiatives potential. Their visit was conducted respectfully and with due regard for the institutions operations and participants comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

(Dipika Arun Patil)
Administrative Officer
Navi Mumbai Municipal Transport

Endorsement Letter

Tools Used: Flutter, React, Django, DBSQLite.

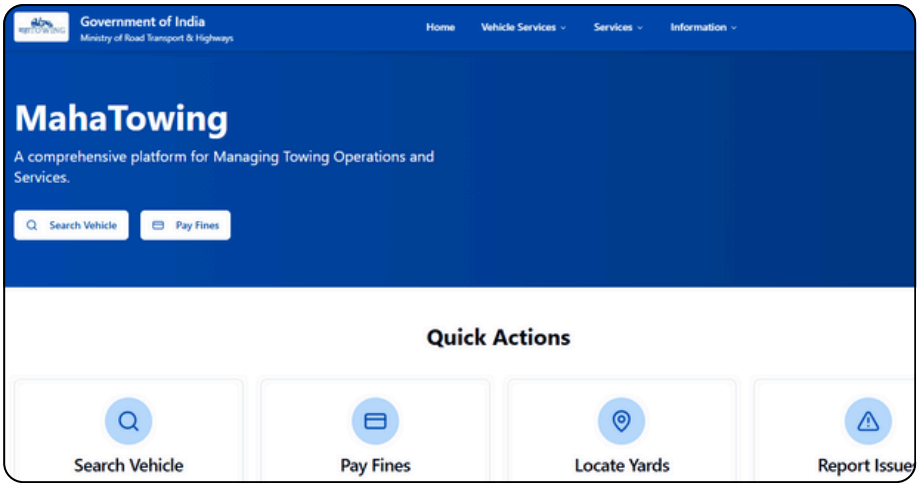
Name of the Organization: Trombay Traffic Division, Mumbai

MAHATOWING: A SMART DIGITAL SOLUTION FOR VEHICLE TOWING MANAGEMENT

The vehicle towing system in Mumbai presents several significant challenges for vehicle owners, including a lack of transparency, unclear fine payment procedures, and inefficient communication. Despite the growth of technology, the absence of a centralized, easy-to-use platform causes confusion, wastes time, and opens the door to potential exploitation. MahaTowing aims to address these issues by providing a tech-driven platform that ensures real-time towing notifications, seamless vehicle tracking, and hassle-free online fine payments. Through the integration of digital solutions into towing management, MahaTowing enhances transparency, boosts efficiency, and improves accessibility for vehicle owners, making the entire process smoother and more reliable.

Group No. 25

Domain: Application Design and Product Development



Team Members Name:
1. Sonal Patil
2. Diksha Patkar
3. Pradnya Patil
4. Pranjal Ahuja

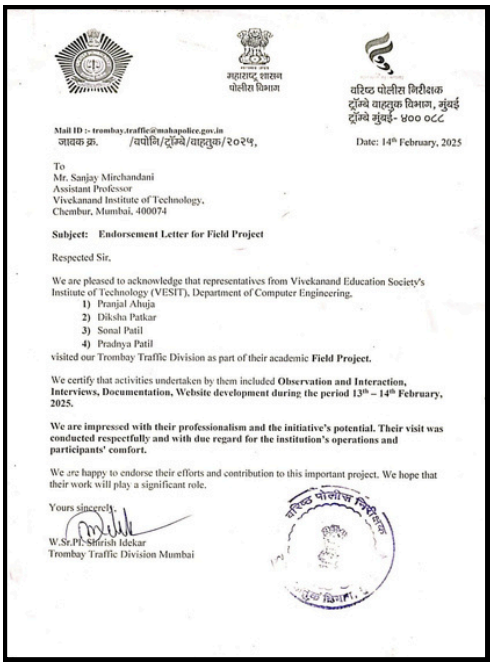
Mentor
Mr. Sanjay Mirchandani

Github Video Link

- Instant Status Check – Verify if a vehicle is towed, stolen, or relocated using the registration number.
- Real-time Alerts – Get SMS notifications when a vehicle is towed.
- Live Tracking – Locate the towed vehicle instantly.
- Detailed Information – View towing reason, authority, and storage yard details.
- Transparent Pricing – Standardized charges with secure online payments.
- User-friendly Platform – A seamless and hassle-free towing experience.

Tools Used: React.js, Node.js, Express.js, Tailwind, PostgreSQL, Twilio API

Proposed Solution



महाराष्ट्र शासन
पोलीस विभाग

वरिष्ठ पोलीस निरीक्षक
ट्रॉम्बे वाहतुक विभाग, मुंबई
ट्रॉम्बे मुंबई- ४०० ०८८

Mail ID :- trombay.traffic@mahapolice.gov.in
जावक क्र. /वपोनि/ट्रॉम्बे/वाहतुक/२०२५, Date: 14th February, 2025

To
Mr. Sanjay Mirchandani
Assistant Professor
Vivekanand Institute of Technology,
Chembur, Mumbai. 400074

Subject: Endorsement Letter for Field Project

Respected Sir,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering,

1) Pranjal Ahuja
2) Diksha Patkar
3) Sonal Patil
4) Pradnya Patil

visited our Trombay Traffic Division as part of their academic **Field Project.**

We certify that activities undertaken by them included **Observation and Interaction, Interviews, Documentation, Website development during the period 13th – 14th February, 2025.**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

W.Sr.PI Satish Idekar
Trombay Traffic Division Mumbai

Endorsement Letter

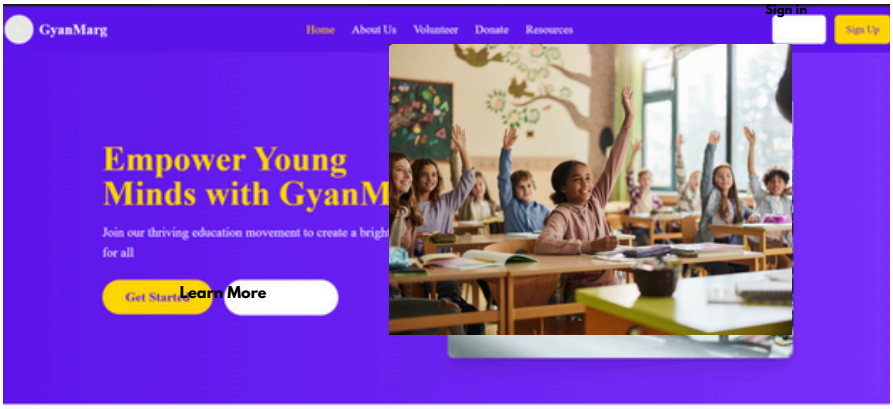
Name of the Organization: Jeevan Ankur Trust

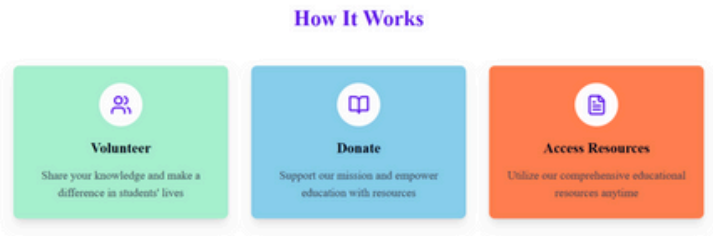
GyanMarg

GyanMarg is a platform designed to provide quality education to underprivileged students by connecting them with volunteers, donors, and NGOs. The platform enables individuals to donate books, funds, and their time to teach students for free, while also offering a digital library of learning resources to make education more accessible. With a user-friendly interface, GyanMarg simplifies the process of selecting educational boards, class levels, and discovering relevant study materials. It also provides NGOs and community centers with a structured way to manage volunteer teachers and distribute resources effectively. The platform fosters a community-driven approach, encouraging people from all backgrounds to contribute to education. By facilitating volunteer teaching, resource donations, and digital access to educational content, GyanMarg aims to bridge the socio-economic education gap and create a more inclusive, future-ready learning environment where every child has the opportunity to learn and grow.

Domain: Application Design and Product Development

Group no.26

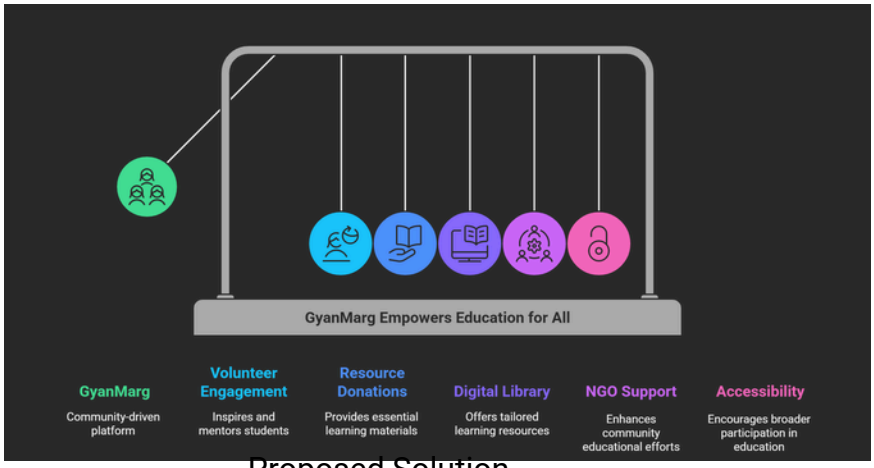




Team Members:
1.Vidisha Kataria
2.Ishjyot Kaur
3.Bhoomi Chhabria
4.Prachi Lund

Mentor:
Mr. Sanjay Mirchandani

[GitHubLink](#) [VideoLink](#)



Proposed Solution


Jeevan Ankur Trust
Regd. No: E-34049(M)
Add. : Room no. 405, Bldg. No. 1, Ashtvinayak Soc., MHADA Colony, Chembur, Mumbai - 400 074.
E-mail : jeevanankur226@gmail.com Mob. : 8169615400 / 9833761939
Date :
To
Mr. Sanjay Mirchandani
VESIT, Chembur.
Subject: Endorsement Letter for Field Visit for Project titled Educational WebApp Development.
Respected Sir/Madam,
We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, Bhoomi Chhabria, Ishjyot Kaur, Vidisha Kataria and Prachi Lund visited our institution as part of their academic Field Project.
We certify that activities undertaken by them on their 2nd visit included further observation and interaction, survey for their WebApp development on 1st March, 2025.
We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.
We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.
Yours sincerely,
Mr. Babu Gauraveni
Founder and Chairman
Jeevan Ankur Trust

Endorsement Letter

Tools used: Html,CSS, Javascript,Node.js,Express.js,Sqlite3

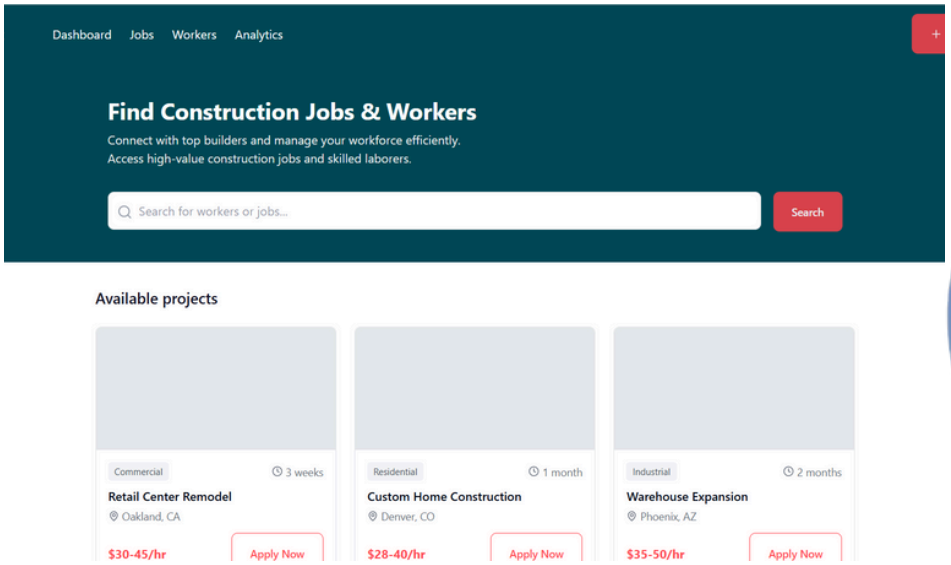
Name of the Organization: Aastha Constructions

LabourNet - A digital platform connecting the construction industry

In today's fast-paced construction industry, efficient workforce management is crucial for seamless project execution. However, builders and contractors often struggle to find skilled workers, while workers face challenges in securing reliable job opportunities. Recognizing this gap, our team developed LabourNet—a digital platform designed to bridge the connection between builders, contractors, and workers, making the hiring process more streamlined and effective.

Domain: Application Design and Product Development

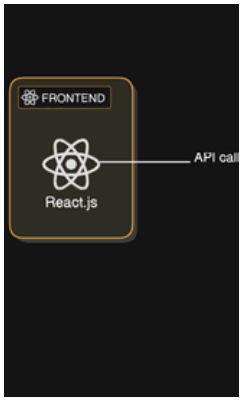
Group No: 27

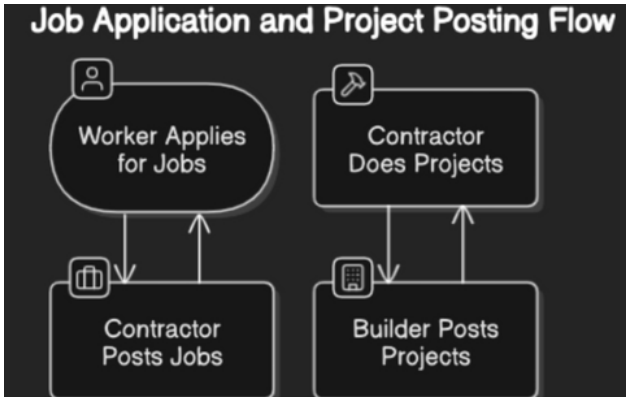


Team Members Name
1. Sohan Nagothi
2. Manas Mungekar
3. Suhan Poojary
4. Yash Sharma

Mentor
Prof. Sujata Khandaskar

Github Link Video Link





Proposed Solution


AASTHA BUILDERS & DEVELOPERS

Office Add : Aastha Residency, 004 Near Asi Bhveera Dev Mandir, Gurawali, Thivala (E) 421606
Contact No : 9833503591 / 8850226508

To
Susta Khandaskar

Subject:Endorsement Letter for Field Project titled 'LabourNet'

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, Sohan Nagothi, Suhan Poojary, Manas Mungekar and Yash Sharma visited our institution as part of their academic Field Project.

We certify that activities undertaken by them included Observation and Interaction,Surveys and Interviews, Documentation,WebApp development.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Divesh Mishra
CEO
Aastha Builders

Endorsement Letter

Tools Used: React.js, Node.js, Express.js, MongoDB .

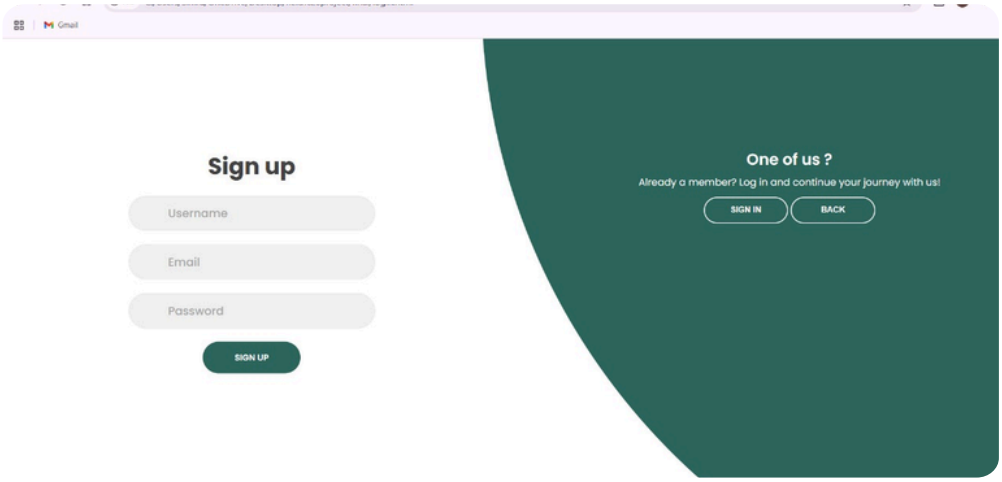
Name of the Organization: Swami Shanti Prakash Elders Home

"IN DARKNESS, A GUIDING HAND LIGHTS THE WAY."

The elderly community faces significant challenges in accessing healthcare, social support, and legal assistance, limiting their independence and well-being. Despite technological advancements, a lack of accessible platforms hinders their inclusion in society. Elder Connect aims to bridge this gap by providing a tech-driven platform that offers healthcare resources, social engagement opportunities, and legal aid for senior citizens. This initiative aligns with SDG 3: Good Health and Well-being, by ensuring access to medical support and wellness programs, and SDG 16: Peace, Justice, and Strong Institutions, by advocating elder rights, offering legal aid, and protecting them from abuse. Our mission is to empower the elderly, enabling them to lead healthy, secure, and dignified lives.

Group no. 28

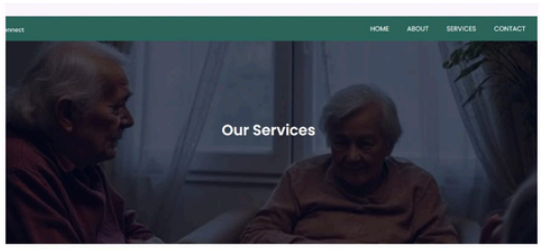
Domain: Application Design and Product Development

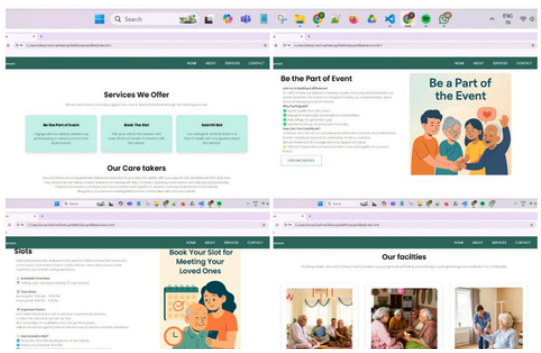


Team Members Name
1. Purva Mhatre
2. Simran Talreja
3. Priya Tolani
4. Khushi Lachhani

Mentor :
Mrs. Sujata Khandaskar

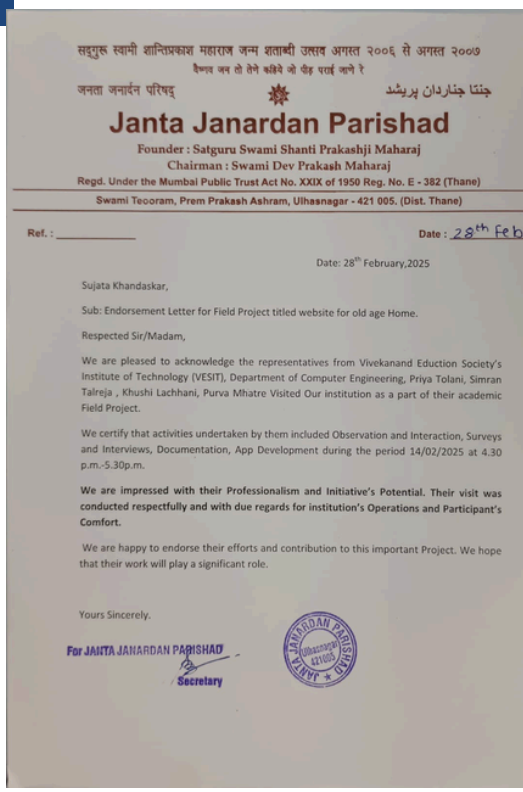
Github Link Video Link





Proposed Solution

Tools Used: MERN (MongoDB, Express.js, React, Node.js)



सद्गुरु स्वामी शान्तिप्रकाश महाराज जन्म शताब्दी उत्सव अगस्त २००६ से अगस्त २००७

जनता जनार्दन परिषद् جنتا جناردان پریشد

Janta Janardan Parishad

Founder : Satguru Swami Shanti Prakashji Maharaj
Chairman : Swami Dev Prakash Maharaj
Regd. Under the Mumbai Public Trust Act No. XXIX of 1950 Reg. No. E - 382 (Thane)
Swami Teooram, Prem Prakash Ashram, Ulhasnagar - 421 005. (Dist. Thane)

Ref. : _____ Date : 28th Feb

Date: 28th February,2025

Sujata Khandaskar,

Sub: Endorsement Letter for Field Project titled website for old age Home.

Respected Sir/Madam,

We are pleased to acknowledge the representatives from Vivekanand Eduction Society's Institute of Technology (VESIT), Department of Computer Engineering, Priya Tolani, Simran Talreja , Khushi Lachhani, Purva Mhatre Visited Our institution as a part of their academic Field Project.

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews, Documentation, App Development during the period 14/02/2025 at 4.30 p.m.-5.30p.m.

We are impressed with their Professionalism and Initiative's Potential. Their visit was conducted respectfully and with due regards for institution's Operations and Participant's Comfort.

We are happy to endorse their efforts and contribution to this important Project. We hope that their work will play a significant role.

Yours Sincerely.

For JANTA JANARDAN PARISHAD
Secretary

Endorsement Letter

Name of the Organization: Grampanchayat Kon

Transforming Citizen Services at Gram Panchayat Kon

In an era where digital transformation is redefining governance and public service delivery, our team of four engineering students embarked on a field project to develop a website for Gram Panchayat Kon in Kongaon, Bhiwandi. This initiative aligns with the SDG 9, SDG 11 , and SDG 16. By leveraging technology, we aim to bridge the gap between citizens and local governance, ensuring seamless access to essential services such as document issuance, complaint lodging, and transparent communication. This digital platform enhances administrative efficiency, fosters civic engagement, and promotes inclusive governance—key elements in building resilient and sustainable communities.

Group No:29

Domain: Application Design and Product Development

Team Member's Name
1. Sudarshan Gopal
2. Yash Katiyara
3. Om Mhatre
4. Nathan Cherian

Mentor
Mrs.Sujata Khandaskar

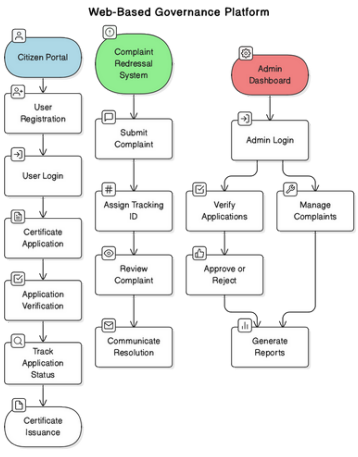
GitHub Link

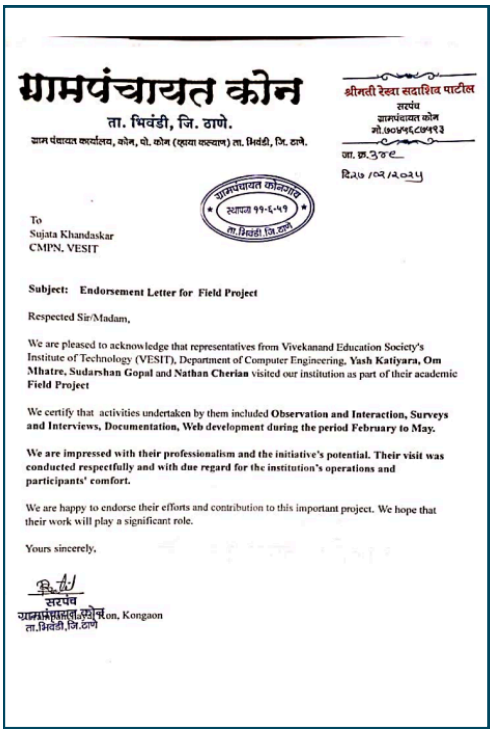
Video Link

Proposed Solution

Our project introduces a web-based platform to modernize Gram Panchayat Kon's governance by digitizing applications requests and integrating a complaint redressal system:

- **Citizen Portal:** Enables users to submit, track, and verify documents online, minimizing in-person visits.
- **Complaint Redressal System:** Allows seamless submission and tracking of grievances, ensuring accountability.
- **Admin Dashboard:** Helps Panchayat staff manage applications, monitor complaints, and generate reports efficiently.





ग्रामपंचायत कोन
ता. भिवंडी, जि. ठाणे.

To
Sujata Khandaskar
CMPN, VESIT

Subject: Endorsement Letter for Field Project

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Yash Katiyara, Om Mhatre, Sudarshan Gopal** and **Nathan Cherian** visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, Web development during the period February to May.**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

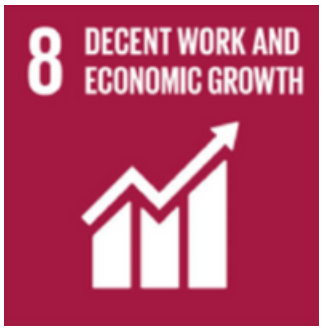
Endorsement Letter

Tools Used: React.js,Tailwind CSS, Node.js, Express.js, Supabase.

Name of the Organization: Inspire safety foundation

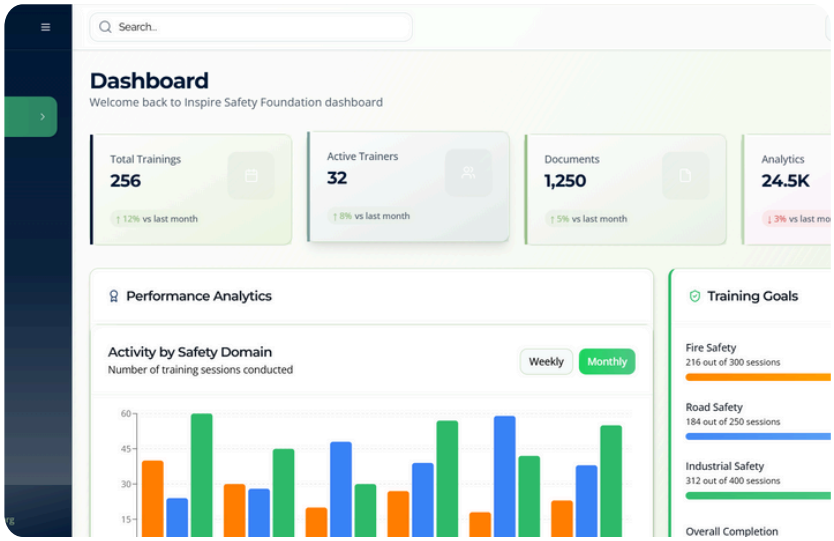
SAFE EDGE APP

The Inspire Safety Foundation focuses on promoting a culture of safety among the general public. It works to prevent accidents that result in financial and human losses by educating and training individuals. They conduct workshops, campaigns, and safety events on various topics such as traffic, fire, industrial, environmental, and construction safety. Their goal is to support government initiatives and reduce accidents through awareness and practical safety education.



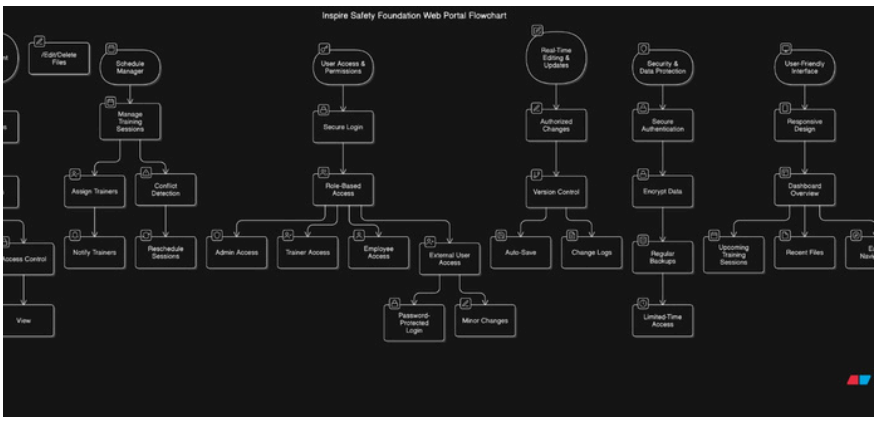
Domain: Application Design and Product Development

Group no. 30



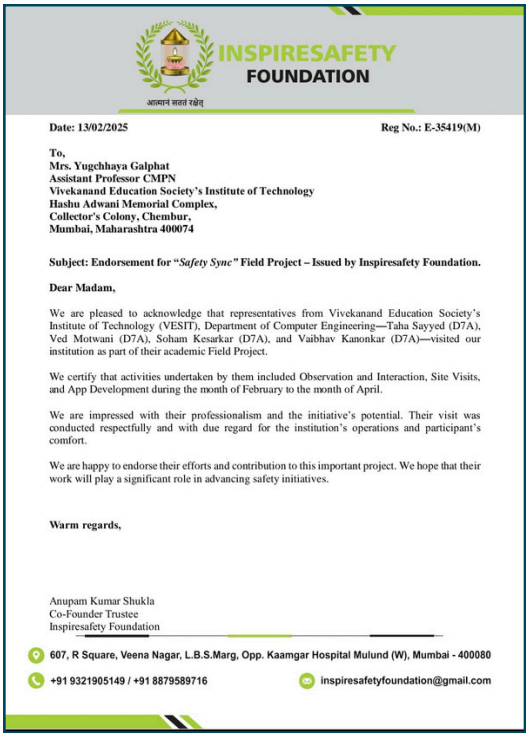
GitHub Link Video Link

Team Members Name	Mentor
1. Taha sayyed 2. Ved motwani 3. Soham kesarkar 4. Vaibhav kankonkar	Mrs. YUGCHHAYA DHOTE



Proposed Solution

ToolsUsed:React.js , Express.Js , Node.Js and Supabase



INSPIRESAFETY FOUNDATION

Date: 13/02/2025 Reg No.: E-35419(M)

To,
Mrs. Yugchhaya Galphat
Assistant Professor CMPN
Vivekanand Education Society's Institute of Technology
Hashu Adwani Memorial Complex,
Collector's Colony, Chembur,
Mumbai, Maharashtra 400074

Subject: Endorsement for "*Safety Sync*" Field Project – Issued by Inspiresafety Foundation.

Dear Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering—Taha Sayyed (D7A), Ved Motwani (D7A), Soham Kesarkar (D7A), and Vaibhav Kanonkar (D7A)—visited our institution as part of their academic Field Project.

We certify that activities undertaken by them included Observation and Interaction, Site Visits, and App Development during the month of February to the month of April.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participant's comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role in advancing safety initiatives.

Warm regards,

Anupam Kumar Shukla
Co-Founder Trustee
Inspiresafety Foundation

607, R Square, Veena Nagar, L.B.S.Marg, Opp. Kaamgar Hospital Mulund (W), Mumbai - 400080
+91 9321905149 / +91 8879589716 inspiresafetyfoundation@gmail.com

Endorsement Letter

Name of the Organization: Ego Premium Products Pvt Ltd

CRM IS NOT JUST A TOOL; IT'S A STRATEGY FOR BUILDING LASTING CUSTOMER RELATIONSHIPS

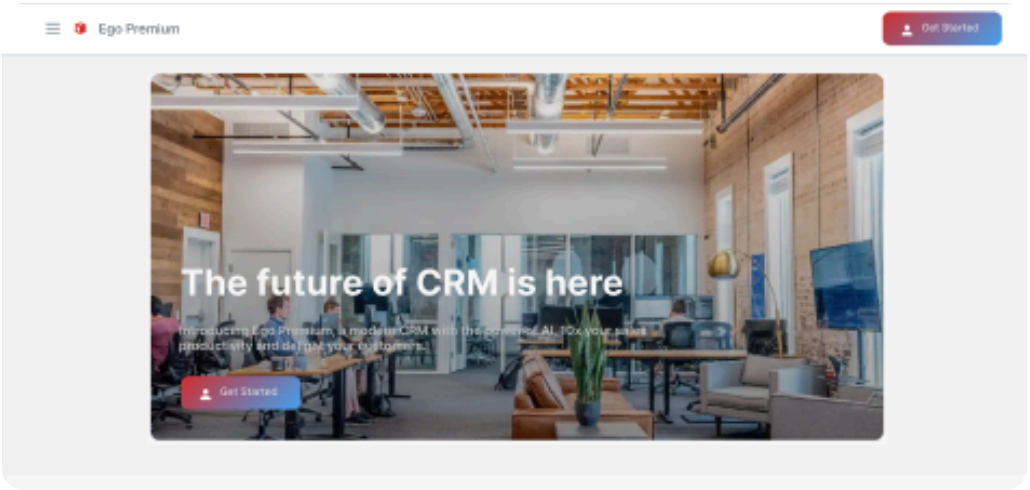
A CRM website is essential for effective customer relationship management, offering centralized data storage and streamlined processes that Excel cannot provide. Unlike Excel, which can lead to data silos and inefficiencies, a CRM enhances collaboration, automates repetitive tasks, and offers valuable customer insights. This not only boosts productivity but also aligns with Sustainable Development Goal 8 by promoting sustained economic growth and decent work. By enabling businesses to operate more efficiently and innovate, CRM systems contribute to a more sustainable and competitive economy.

8 DECENT WORK AND ECONOMIC GROWTH

Domain: Application Design and Product Development

Tools Used: HTML,CSS,Javascript,Tailwind.css,Chart.js,Mongo DB

Group no 31



Team Members Name
1. Manav Bodhani
2. Ritika Sabhani
3. Harshit Sachdev
4. Akshhad Ahuja

Mentor

Mrs. Yugchhaya Galphat

GitHub **Youtube Link**

- Seamless Onboarding & Secure Login – User authentication ensures data privacy while allowing quick access to CRM tools.
- Comprehensive Dashboard – A centralized hub displaying key business insights, recent activities, and sales performance at a glance.
- Efficient Customer & Lead Management – Easily add, update, and track customer interactions and potential leads in an intuitive interface.
- Automated Data Handling – Reduce manual efforts with smart data entry, filtering, and categorization.
- Performance Tracking with Reports & Analytics – Gain valuable insights into customer behavior, sales trends, and team performance for data-driven decision-making.
- Scalable & User-Friendly Design – Ensures smooth navigation, making it accessible to teams of all sizes without extensive training.

Proposed Solution


ego

To
Mrs. Yugchhaya Galphat
Assistant Professor CMPN (VESIT)

Subject: Endorsement Letter for Field Project titled "CRM Website"

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Manav , Harshit , Akshhad , Ritika** visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, Web development during the period February 2025 to March 2025**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Mr. Vijay Pandhre
Managing Director,
Ego Premium Products pvt ltd.

EGO Premium Products Pvt. Ltd.
Off.: Universal Majestic, Office No. 606, 6th Floor, Jeejabai Bhonsale Marg, ACC Nagar, Chedda Nagar Chembur (W), Mumbai - 400043.
Broadline : +91 22 2550 0265 | Customer Care No.: 2550 0266 | Website : www.egopremium.com
CIN No.: U74999MH2018PTC315166

Endorsement Letter

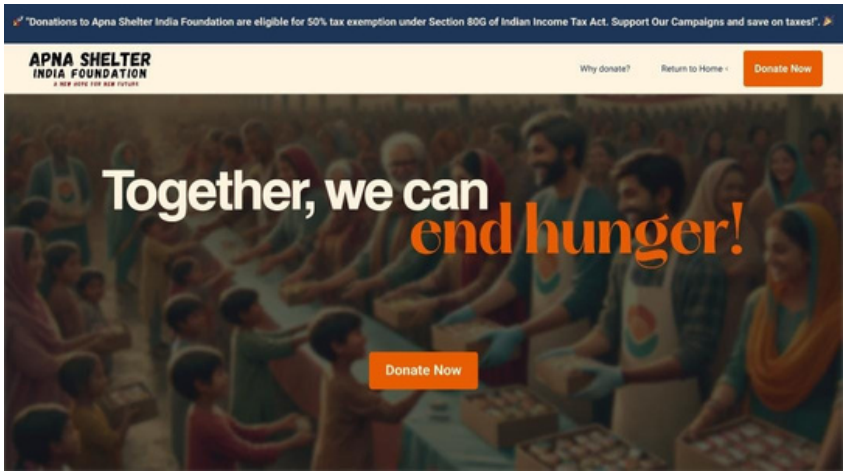
Name of organisation: Apna Shelter India Foundation

'AUTOMATED FOOD DONATION MANAGEMENT SYSTEM'

Apna Shelter India Foundation aims to develop an efficient and automated online donation platform to streamline the process of food donations across different locations in India. The current manual approach to handling donations is inefficient, lacks proper tracking, and poses logistical challenges, leading to delays, mismanagement, and difficulty in maintaining accurate donor records. To address these issues, the foundation requires a web-based platform that enables users to donate food online through a pin code-based system. This system will allow donors to either drop off their donations at a nearby center or schedule a pickup through the website, ensuring a seamless and convenient process for both donors and the organization.

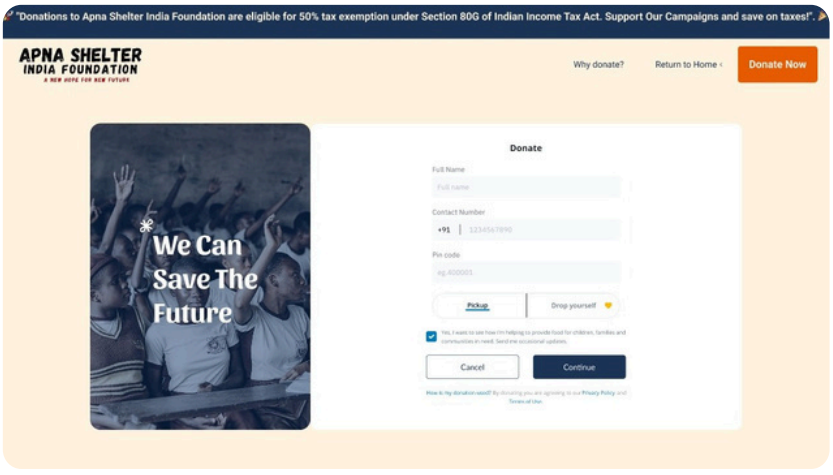
Group no 32

Domain: Application Design and Product Development



Group members	Mentor
1) Jass Shivnani 2) Riya Khialani 3) Rohit Motwani 4) Mansi Tahiliani	Richard Joseph

GitHub YouTube



Proposed Solution

ToolsUsed: React.js, Express. Js, Node.Js and MongodB

Apna Shelter India Foundation
REGISTERATION NO : MCA / U85320MH2019NPL327365

APSHINFOUNDATION/ 31 /FY2024-25

Thane (West), Maharashtra
Date: 16-02-2025

To,
Mr. Richard Joseph
CMPN
Vivekanand Education Society's Institute of Technology (VESIT)
Chembur, Mumbai

Subject: Acknowledgment of Student Registration for Field Project

Dear Sir/Madam,

Greetings from Apna Shelter India Foundation!
With reference to your letter VESIT/RS/CMPN/2060/2024-25 dated **12-02-2025**, we would like to inform you that the following students from your esteemed institute have already been registered as interns at **Apna Shelter India Foundation, Thane, Maharashtra**, with effect from **01 February 2025** for the said project. They have been assigned projects in alignment with the objectives outlined in your request.

List of Registered Interns:
1. **Jass Shivnani** – ID: APSHINFO/964163
2. **Riya Khialani** – ID: APSHINFO/626723
3. **Rohit Motwani** – ID: APSHINFO/240432
4. **Mansi Girish Tahiliani** – ID: APSHINFO/555030

Kindly verify their registration details at: https://apnashelterindiafoundation.com/Intern/verification. We kindly request you to provide details regarding the total number of hours the students need to dedicate to the project, so we can ensure its completion within the specified time frame. Upon completion, the students will submit the project for your perusal.

Additionally, we request any technical guidance or assistance required from your end to ensure the effective execution of the project. As part of our Standard Operating Procedure (SOP), we have also planned social service activities, which will be completed within the specified time. The total hours required to complete these activities will range between **40 to 60 hours**, depending on the interns' performance and output.

For any further queries or clarifications, please feel free to contact us at **7021156564** or email us at info@apnashelterindiafoundation.com.

Looking forward to your response.

Best regards,

Warm regards,

(Chintapalli Raja Sekhar Shastry)
Chief Managing Director
Apna Shelter India Foundation

Regd No. GUIMCA 085320 MH2019NPL 327365

Building No. 1, Office No. 303 / 208, Krishna Plaza, Shivaji Path, Thane West, Maharashtra, India, Pincode: 400602
Email : apshinfoundation@gmail.com Mobile: +91 7021156564 Website: www.apnashelterindiafoundation.com

Endorsement Letter

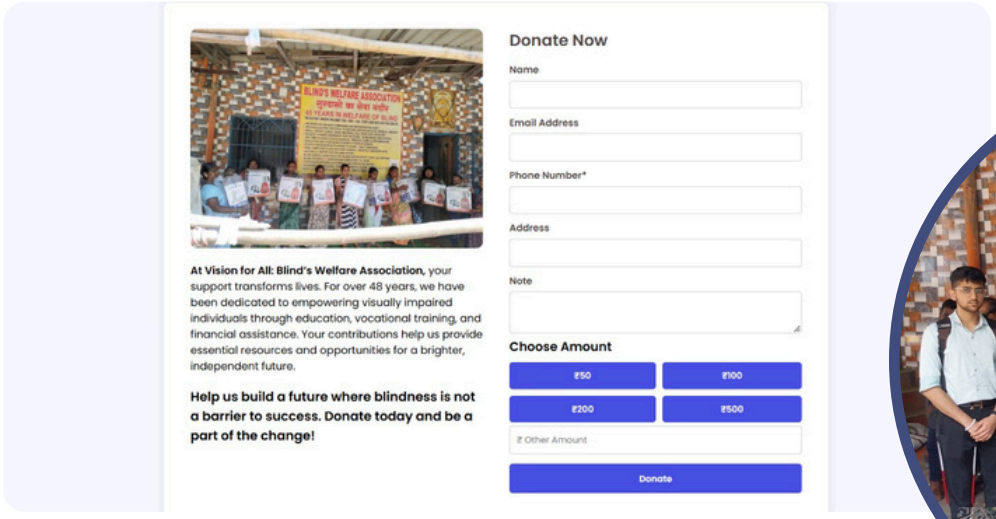
Name of the Organization: Blind's Welfare Association

"IN DARKNESS, A GUIDING HAND LIGHTS THE WAY."

The visually impaired community faces significant barriers in accessing education, healthcare, and essential resources, limiting their independence and opportunities. Despite technological advancements, a lack of accessible platforms hinders their inclusion in society. Our project, Blind's Welfare Association, addresses this challenge by providing a tech-driven website designed to offer educational resources, healthcare support, and skill development opportunities for the blind. It aligns with SDG 1: No Poverty, by promoting financial independence through skill training. SDG 2: Zero Hunger, by facilitating access to food and nutrition programs, SDG 3: Good Health and Well-being, by providing healthcare resources, and SDG 4. Quality Education, by ensuring inclusive learning opportunities for all.

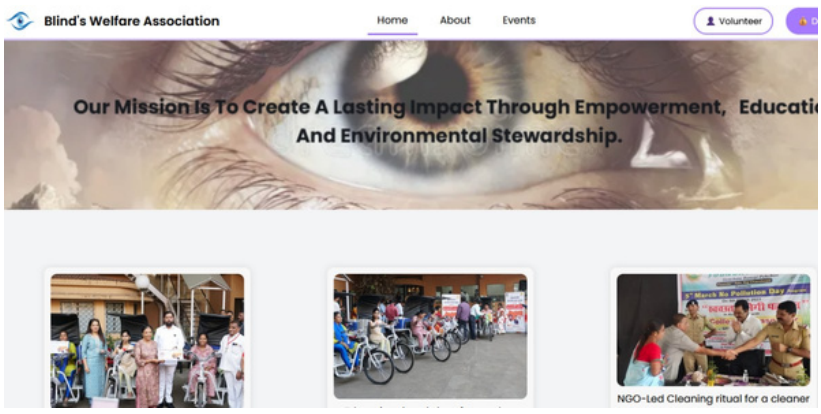
Group no. 33

Domain: Application Design and Product Development



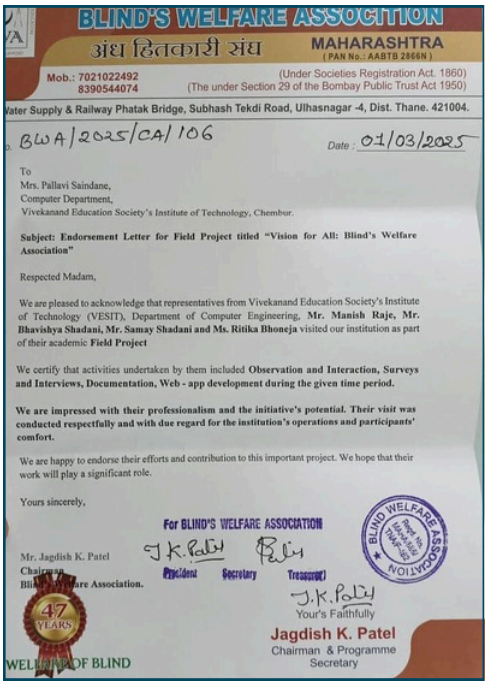
Team Members Name	Mentor
1. Ritika Bhoneja 2. Bhavishya Shadani 3. Samay Shadani 4. Manish Raje	Mrs. Pallavi Saindane

Githublink Videolink



Proposed Solution

Tools Used: Node js, express js, React, MongoDB



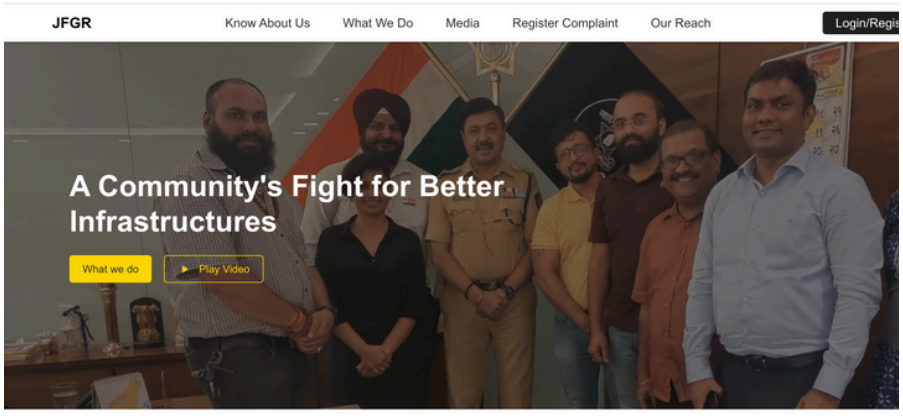
Endorsement Letter

Name of the Organization: JFGR - Justice For Ghodbunder Road

ROADWATCH: A CITIZEN POWERED TRAFFIC AND INFRASTRUCTURE REPORTING SYSTEM

In today's digital era, establishing a strong online presence is essential for organizations to expand their reach and maximize their impact. JFGR (Justice for Ghodbunder Road), a Thane-based organization, lacked a structured and engaging website to effectively showcase their initiatives, connect with local residents, and disseminate critical information. Recognizing this need, our team undertook the development of a comprehensive website from the ground up, tailored to their objectives, ensuring enhanced accessibility, engagement, and outreach.

Domain: Application Design and Product Development

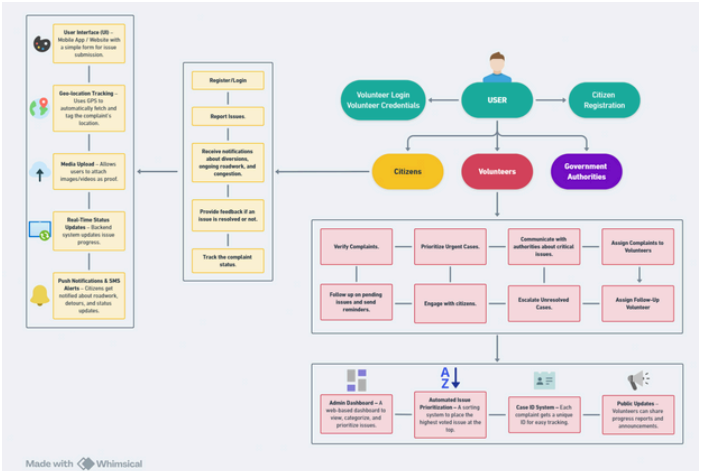


Group no. 34

Team Members Name:
1. Neha Bhatia
2. Riddhi Menghrajani
3. Nidhish Shirur
4. Aarushi Tiwari

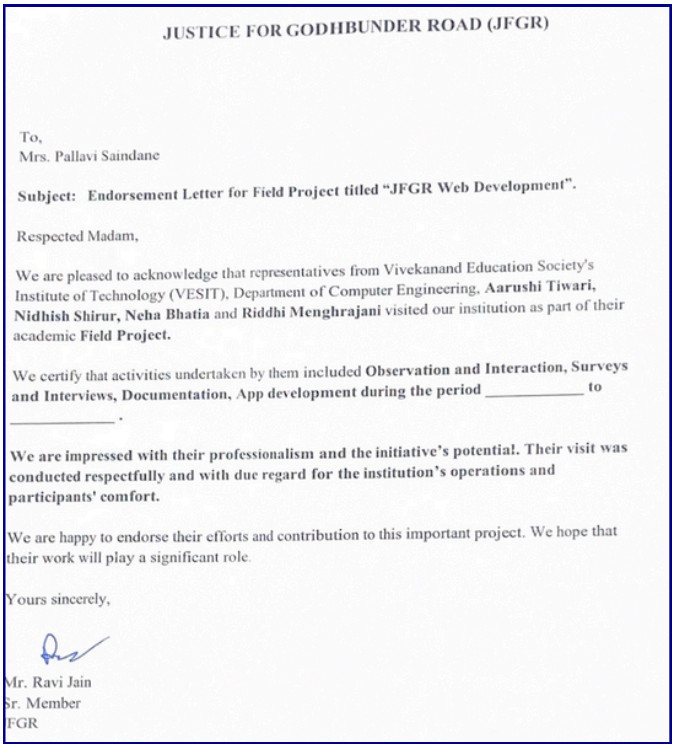
Mentor:
Prof. Pallavi Saindane

GitHub Video Link



Proposed Solution

Tools Used: React, CSS, Javascript, Firebase, Node.js



JUSTICE FOR GODHBUNDER ROAD (JFGR)

To,
Mrs. Pallavi Saindane

Subject: Endorsement Letter for Field Project titled "JFGR Web Development".

Respected Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Aarushi Tiwari, Nidhish Shirur, Neha Bhatia** and **Riddhi Menghrajani** visited our institution as part of their academic **Field Project.**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, App development during the period** _____ **to** _____ .

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Mr. Ravi Jain
Sr. Member
JFGR

Endorsement Letter

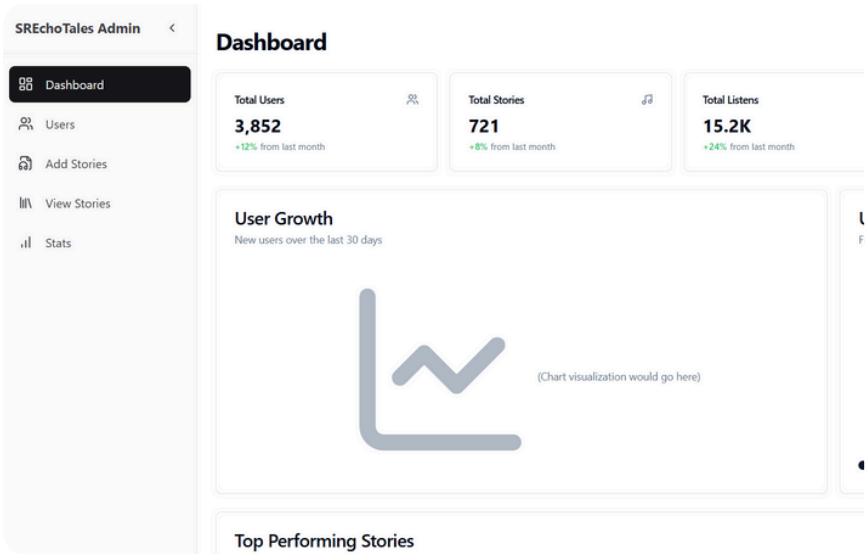
Name of the Organization: SR Counselling India

SR ECHOTALES - AI-POWERED STORYTELLING APP

SR Echotales is an AI-powered storytelling app designed to reduce screen time and improve well-being through immersive audio stories. With SDG 3 (Good Health & Well-Being), we promote better sleep, lower stress, and a balanced digital lifestyle. SDG 4 (Quality Education) ensures access to enriching and educational stories for all ages. By supporting SDG 11 (Sustainable Cities & Communities), we encourage mindful tech use for healthier living. SDG 10 (Reduced Inequalities) ensures that everyone, regardless of background, can access meaningful storytelling. Through SDG 17 (Partnerships for the Goals), we collaborate with experts to provide stress-free storytelling experiences. SR Echotales helps people enjoy better focus, relaxation, and connection—all with just 20 minutes a day. Join us in creating a future of Less Screens, More Stories!

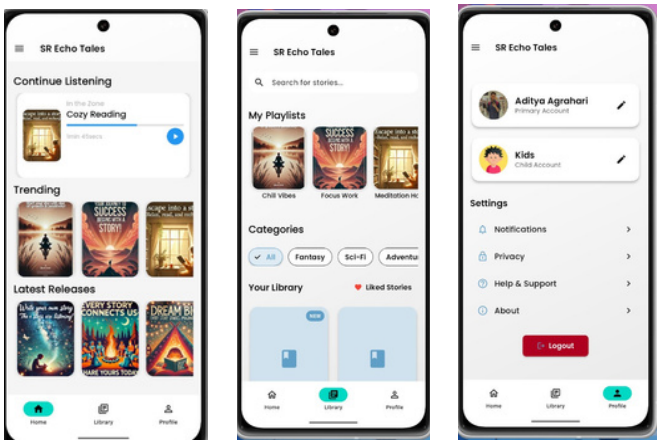
Group no. 35

Domain: Application Design and Product Development



GitHub Video link

Team Members Name	Mentor
1. Vedant Gawali 2. Rasika Gadre 3. Sukhbir Singh Goklani 4. Aditya Yadav	Dr. M.D.Patil



Proposed Solution

Endorsement Letter

Tools Used: React.js, Node.js, Express.js, MongoDB, AWS, Flutter.

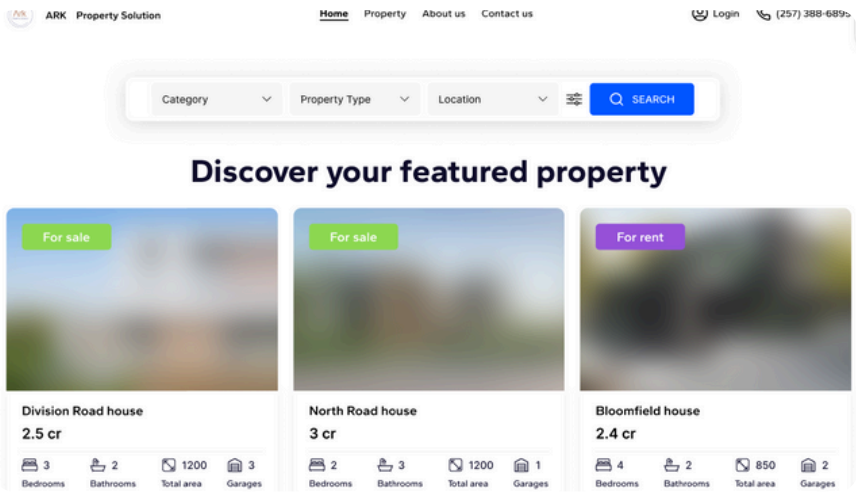
Name of the Organization: ARK Property Solutions

"CONNECTING REAL ESTATE AGENTS WITH CLIENTS SEAMLESSLY.

In the real estate sector is booming in today's growing economy, driving urban development and economic progress. Yet, those working in this industry face significant challenges. A key issue is the lack of efficient, accessible tools to connect agents with clients, resulting in wasted time and resources. Our project, RealtyGrab, tackles this by offering a tech-driven solution. It aligns with SDG 11: Sustainable Cities and Communities, promoting inclusive tools that streamline property access and reduce urban inefficiencies, and SDG 9, leveraging digital innovation to modernize real estate services.

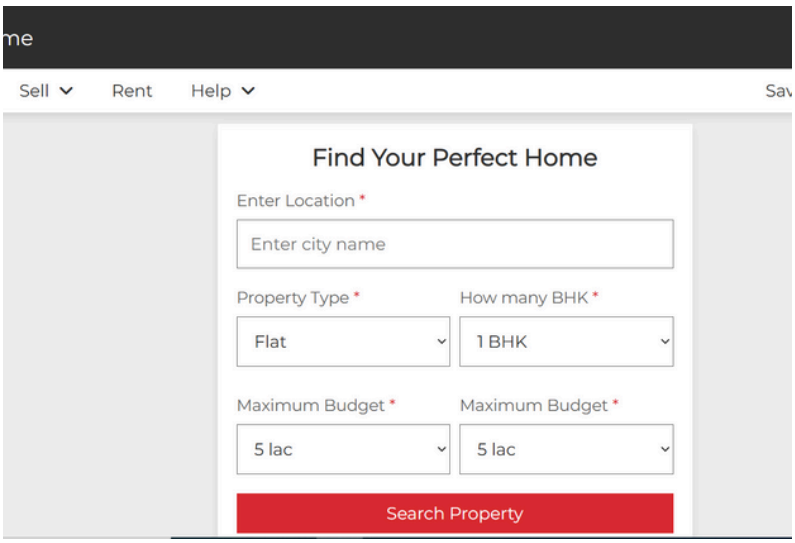
Group no. 36

Domain: Application Design and Product Development



Team Members Name	Mentor
1. Riddhi Motwani 2. Ushma Sukhwani 3. Rithik Chawla 4. Soham Dharmik	DR. M.D PATIL

Github Video Link



Proposed Solution

Tools Used:HTML, CSS, Javascript, MongodB

Ark Property Solutions

To,

Vivekanand Education Society's Institute of Technology

Date: 14th February 2025

Subject: Endorsement Letter for Field Work

Dear Sir/Madam,

I am pleased to write this letter in support of Ms. Riddhi Motwani, Ms. Ushma Sukhwani, Mr. Rithik Chawla, and Mr. Soham Dharmik, who have approached Ark Property Solutions for their college field project.

As the founder of the company, I am satisfied with their hard work, dedication, and commitment to their project. They are highly motivated and confident, and I believe they will channel their energy towards the growth of our company. They are also innovative and open to learning and exploring new concepts.

I am endorsing them because I believe their valuable skills will be a great asset to our organization. I am confident that they will excel in any tasks they are assigned.

For any further inquiries about these brilliant and promising young members, please feel free to contact me at 9768641973 or email me at ramrakhiani1973@gmail.com.

Yours truly,

Ashish Ramrakhiani

ARK Property Solutions

Ashish Ramrakhiani
Office no. 3, Shreeji Arcade
First floor, Opp Nitin Company,
Panchpakhadi, Thane West

Endorsement Letter

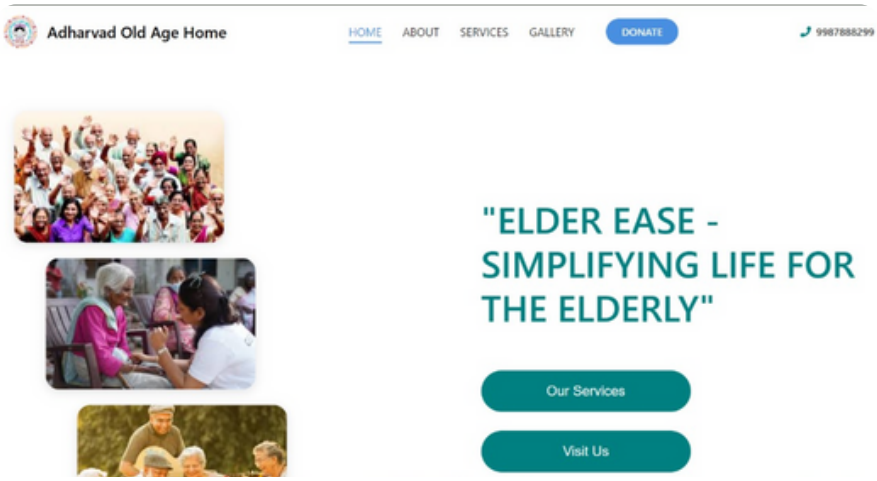
Name of the Organization: Adharwad Old Age Home

ELDEREASE - SIMPLIFYING LIFE FOR THE ELDERLY

Adharwad NGO Old Age Home is committed to providing care and dignity to elderly individuals facing loneliness and neglect. Through ElderEase, we spread awareness and encourage donations to support their well-being. By aligning with SDG 3 (Good Health & Well-being), SDG 10 (Reduced Inequalities), and SDG 11 (Sustainable Cities & Communities), we ensure access to essential resources and foster an inclusive society. Our platform connects donors, volunteers, and NGOs, creating a network of support for seniors in need. Join us in making a difference—because every elderly person deserves love, care, and respect.

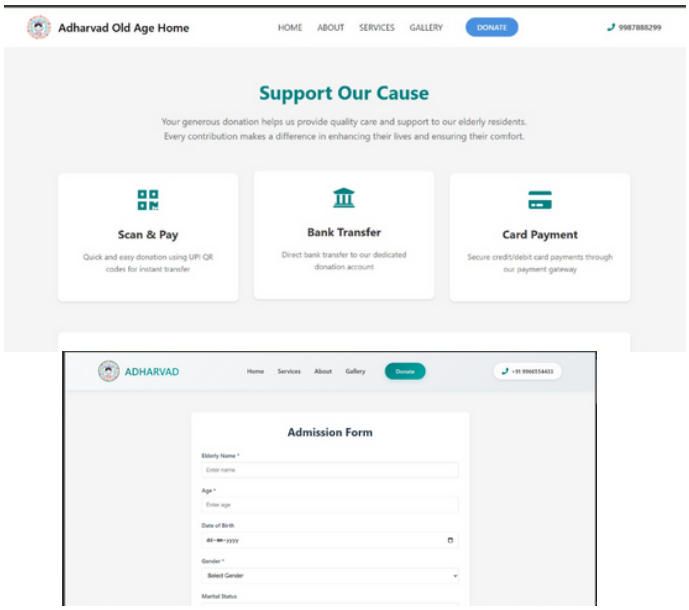
Group No : 37

Domain: Application Design and Product Development



Team Members	Mentor
1.Lakhan Gurubaxani 2.Saniya Jeswani 3.Shivam Makhija 4.Ninad Hatwalne	Mrs.Prerna Solanke

GitHub Video link



Proposed Solution

आधारवड निराधार व अपंग महिला उत्कर्ष ट्रस्ट (नवी मुंबई)
Reg. No: E/3968/Thane, 80G.No: EIT(E)MC/80G/512/2009.10 | PAN No: AABTA8707D
ISO 9001:2015 Certified

Date: 2 March 2025

To
Mrs. Prerna Solanke
Assistant Professor
CMPN ,VESIT

Subject: **Endorsement Letter for Field Project**

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering,

1) Lakhan Gurubaxani
2) Saniya Jeswani
3) Ninad Hatwalne
4) Shivam Makhija

Visited our institution as part of their academic **Field Project.**

We certify that activities undertaken by them included Observation and Interaction, Surveys, Interviews and videos.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,
Mrs. Sangeeta R Bhagwat (Founder/Trustee)
Authorised Signatory / Trustees

Endorsement Letter

Tools Used: React.js, Node.js, Express.js, MongoDB.

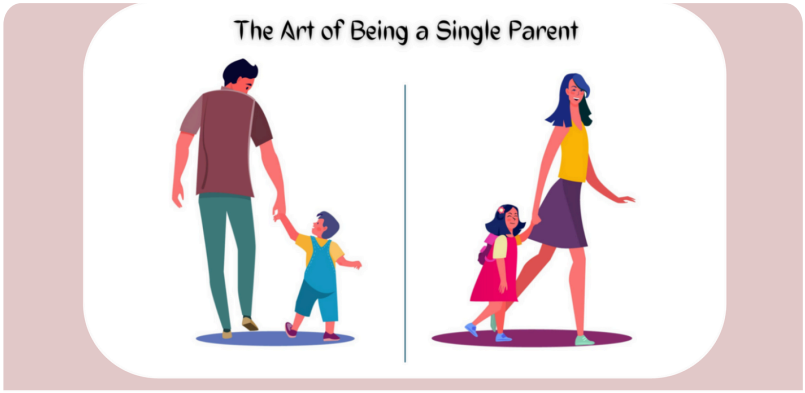
Name of the Organization: Aadharvad Charitable Trust

SINGLE PARENTING

Single parenting comes with financial, emotional, and legal challenges, making it difficult for parents to provide stability and support for their children. Many struggle with financial insecurity, limited job opportunities, and a lack of affordable childcare, leading to stress and mental health concerns. Social stigma and isolation further add to their burden, while navigating legal issues like custody and government aid can be overwhelming. Our project aims to bridge these gaps by developing a digital support platform that offers financial aid resources, mental health counseling, legal guidance, job opportunities, and a community network. By providing accessible and reliable support, we strive to empower single parents and help them build a stable and fulfilling future for themselves and their children

Domain - Application Design and Product Development

Group no. 38



Check out our Initiatives page and see how your Donation can make a difference. Every dollar helps a Single Parent in need. If we can support families, we can ensure the success of our children and a better future for so many. It only takes an interest to truly impact someone's life.

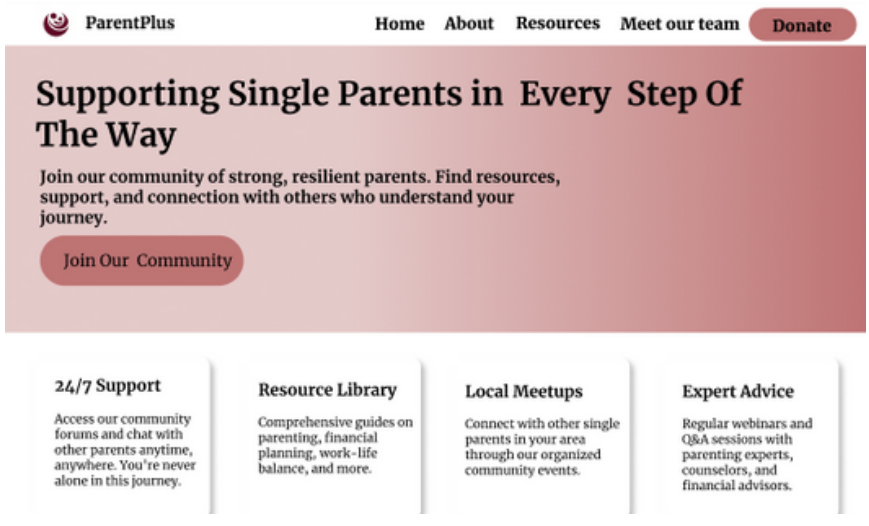
Team Members Name

1. HARSHITA BHATIA
2. DOLLY MANGWANI
3. RUSHIL ROHRA
4. ANISH UDASI

Mentor

MRS. PRERNA SOLANKE

GITHUB LINK VIDEO LINK



Proposed Solution

To,
Mrs. Prerna Solanke
Assistant Professor
CMPN, VESIT

Subject: Endorsement Letter for Field Project titled 'Single Parenting'

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Anish Udasi, Dolly Mangwani, Rushil Rohra, and Harshita Bhatia** visited our institution as part of their academic **Field Project** on **13th** and **14th** of **February 2025.**

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Aadharvad Charitable Trust

Endorsement Letter

Tools Used:React.js , Express.Js , Node.Js and MongodB

Name of the Organization: Everest World Complex Co-Op. Housing Federation Limited

CRICVERSE: REVOLUTIONIZING CRICKET MANAGEMENT IN COOPERATIVE SOCIETIES

CricVerse is a unified platform transforming cricket tournament management. It digitizes player registrations, enables fair auctions, and provides real-time scoring-eliminating manual work and costly paid apps. Designed for cooperative societies, the platform ensures transparency, reduces paperwork, and cuts costs for organizers.
Aligned with three UN Sustainable Development Goals-SDG 3 (health/well-being through sports), SDG 11 (sustainable community spaces), and SDG 17 (partnerships for impact)- CricVerse promotes inclusivity and eco-friendly operations. Scalable and user-centric, it empowers cricket with accessible, tech-driven solutions for players, managers, and spectators alike.

Group no. 39

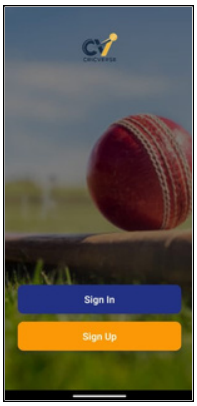
Domain: Sports Technology

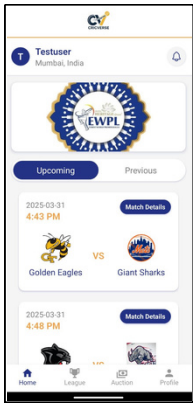
Team Members Name:
1. Aarush Satpute
2. Akshit Nalawade
3. Nihal Sinha
4. Priyanka Ochaney

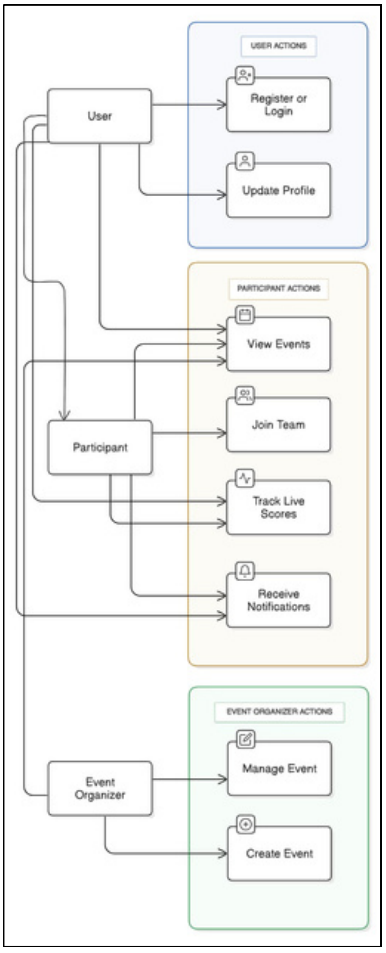
Mentor:
Prerna Solanke

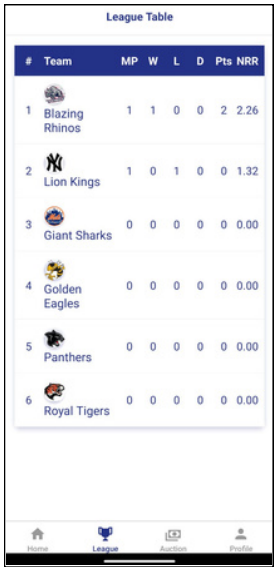
GitHub Link

Video Link





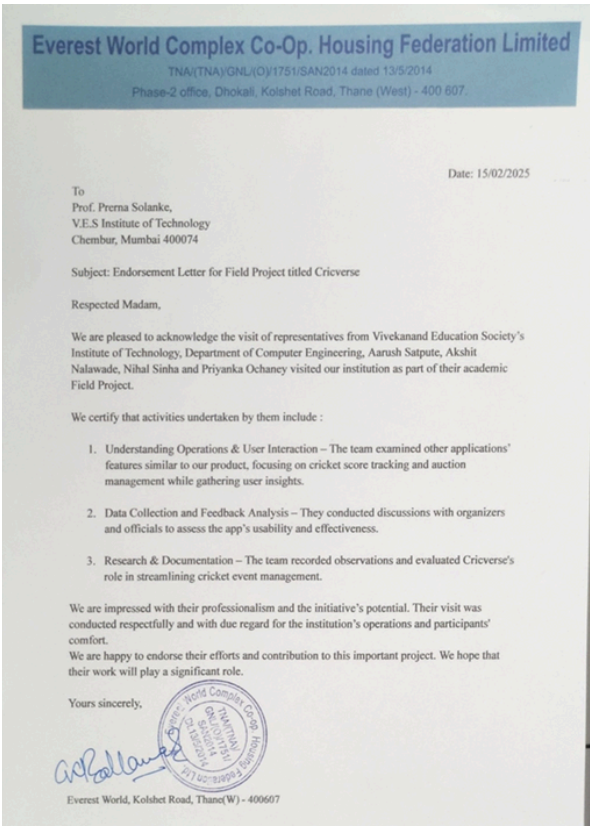




Proposed Solution

CRICVERSE

Tools Used: React Native, Firebase, Expo, NodeJS



Everest World Complex Co-Op. Housing Federation Limited
TNA(TNA)/GNL(O)/1751/SAN2014 dated 13/5/2014
Phase-2 office, Dhokali, Kolshet Road, Thane (West) - 400 607.

Date: 15/02/2025

To
Prof. Prerna Solanke,
V.E.S Institute of Technology
Chembur, Mumbai 400074

Subject: Endorsement Letter for Field Project titled Cricverse

Respected Madam,

We are pleased to acknowledge the visit of representatives from Vivekanand Education Society's Institute of Technology, Department of Computer Engineering, Aarush Satpute, Akshit Nalawade, Nihal Sinha and Priyanka Ochaney visited our institution as part of their academic Field Project.

We certify that activities undertaken by them include :

1. Understanding Operations & User Interaction – The team examined other applications' features similar to our product, focusing on cricket score tracking and auction management while gathering user insights.
2. Data Collection and Feedback Analysis – They conducted discussions with organizers and officials to assess the app's usability and effectiveness.
3. Research & Documentation – The team recorded observations and evaluated Cricverse's role in streamlining cricket event management.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.
We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Everest World, Kolshet Road, Thane(W) - 400607

Endorsement Letter

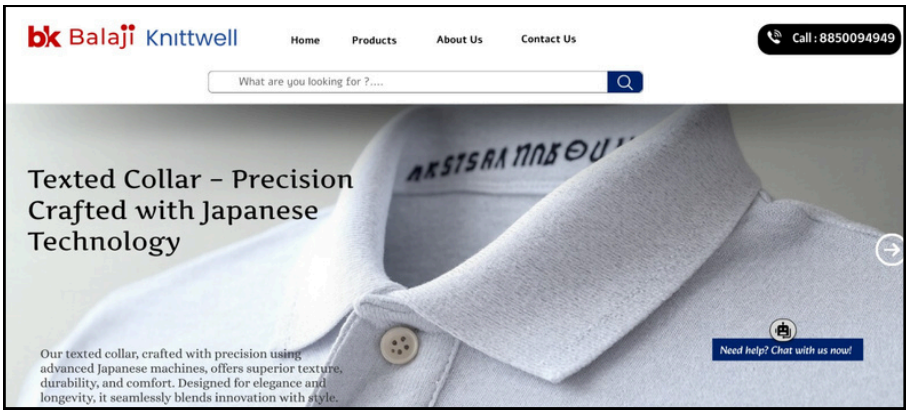
Name of the Organisation: Balaji Knittwell

DIGITAL BOOST FOR LOCAL BUSINESS

Balaji Knitwell, specialized in manufacturing of knitted collars, cuffs, and ribs, relied on traditional sales methods like cold calling and manual order processing, limiting their growth. To modernize operations, our team developed a custom website that streamlines sales, enhances scalability, and drives business efficiency. This project aligns with several Sustainable Development Goals (SDGs), reinforcing our commitment to digital empowerment for SMEs.

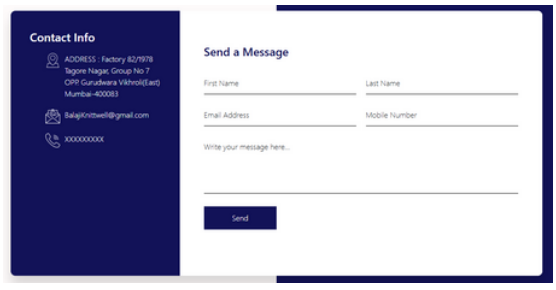
Group No:40

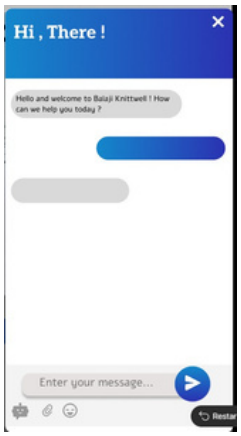
Domain: Application Design and Project Development



Github Link Video Link

Team Member's Name	Mentor
1. Supriya Nayak 2. Sakshi Thorat 3. Preetika khilnaney 4. Shambhavi Patil	Mrs.Manisha Mathur





Proposed Solution

Tools used:React js,Javascript,MongoDB,Node js,Express js,Bootstrap

GSTIN NO: 27ADGPN7387L1ZR PAN NO: ADGPN7387L

bk Balaji Knittwell

Manufacturer of Collar, Cuff, Ribs & Knitted Fabric and Supplier of fine Texturised & Spun yarn

To
Mrs.Manisha Mathur
Assistant Professor
Vivekanand Education Society's Institute of Technology

Subject: Endorsement Letter for Field Project titled Digital Boost for Local Business

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Preetika Khilnaney, Supriya Nayak, Sakshi Thorat and Shambhavi Patil** visited our institution as part of their academic Field Project

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews, Documentation.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Suresh Chandra Nayak
Founder & Chief Executive Officer
Balaji Knittwell

Address : 1106, Valmiki Nagar CHS., Group No. 5, Tagore Nagar, Vikhroli(E), Mumbai - 400083
Phone +91 8850094949 | +91 8850093932 Email: balajiknittwell@gmail.com

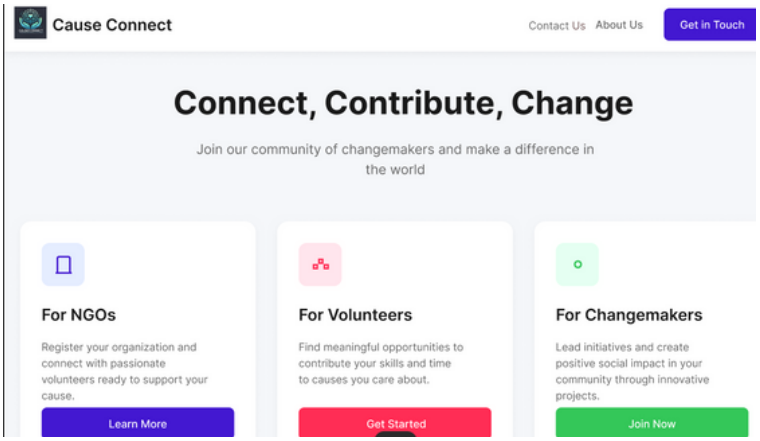
Endorsement Letter

CauseConnect:A bridge between people and NGO

CauseConnect is an online directory and networking platform that bridges the gap between non-governmental organizations (NGOs) and the general public. Just like Justdial connects users to businesses, CauseConnect enables individuals to find, support, and collaborate with NGOs based on their interests, location, and cause.It also simplifies volunteering, donations, and collaborations. It enhances transparency, efficiency, and engagement in the social sector, making it easier for individuals and corporations to support meaningful causes

Group no. 41

Domain: Application Design and Project Development



Github Link Youtube Link

Group members
1) Omkar Tawade
2)Ayush Shelar
3) Navin Sharma
4) Abhinav Racharla

Proposed Solution

महाराष्ट्र शासन
अधीक्षक,शासकीय महिला भिक्षेकरी गृह,चेंबूर मुंबई यांचे कार्यालय
आर.सी.मार्ग, जैन मंदिरासमोर, चेंबूर, मुंबई -७१
ई-मेल femalebeggershome@gmail.com

दिनांक 18/2/2025

EXPERIENCE LETTER

We are pleased to acknowledge that representatives from Vivekanand Education Society;s Institute of Technology (VESIT), Department of Computer Engineering, Navin Sharma , Abhinav Racharla , Omkar Tawade and Ayush Shelar date-13.02.2025 to 14.02.2025 visited our institution as part of their academic Field project

We certify that activites undertaken by them included Observation and Interaction, Surveys and Documentation during the period.

We are impressed with their professionalism and the initiative,s potential. Their visit was conducted institution,s operations and participants comfort

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Superintendent
Beggars Home for Female
Chembur, Mumbai - 400071

Endorsement Letter

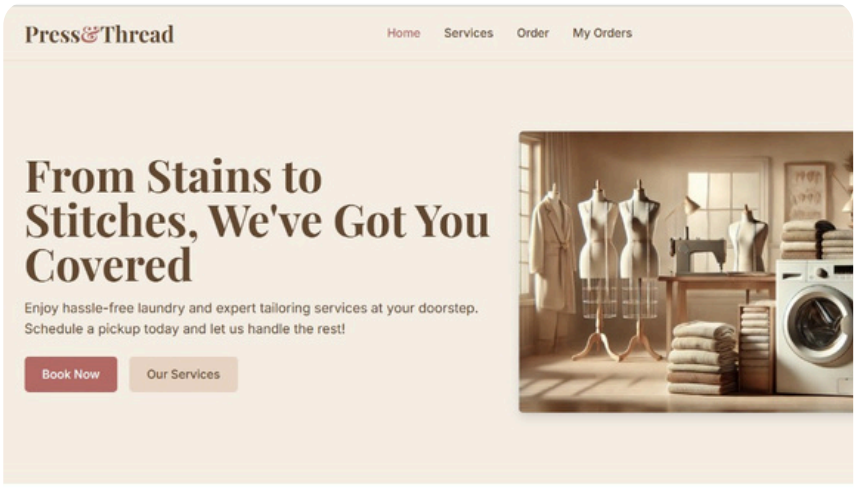
Tools Used: React.js, Express. Js, Node.Js and MongodB

PRESS AND THREAD - FROM STAINS TO STICHES, WE HAVE GOT YOU.

PRESS AND THREAD helps tailors and launderers connect with customers, take orders, and deliver services more easily. Customers can place orders online, track them, and enjoy discounts, while tailors and launderers can manage their work better and even hire temporary workers when they get too many orders. This platform supports SDG 8 by helping tailors grow their businesses and create job opportunities. It promotes SDG 9 by using technology to improve traditional tailoring and laundry services. It aligns with SDG 12 by encouraging eco-friendly materials and sustainable laundry practices. Lastly, it fosters SDG 17 by working with textile businesses, local suppliers, and technology providers to improve services and create more job opportunities. This website makes life easier for both customers and tailors while promoting a sustainable and modern way of working.

Group no. 42

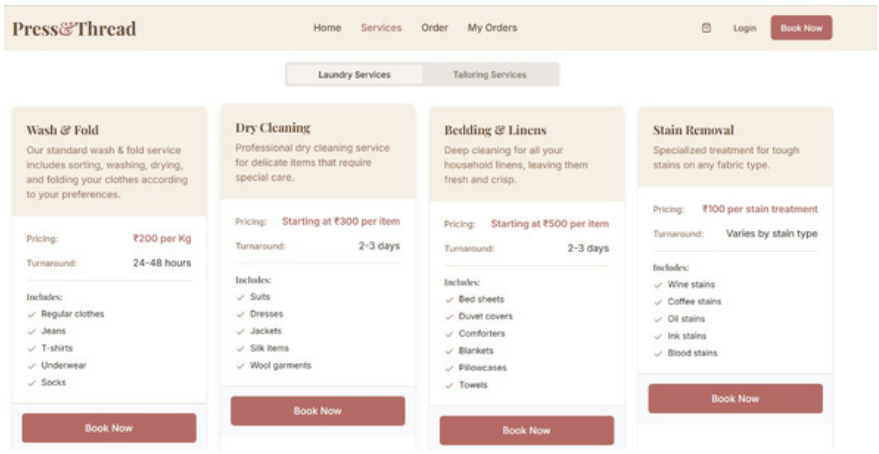
Domain: Application Design and Project Development



GitHub Video Link

Team Members Name
1. Dimple Bhojwani
2. Kanak Bajaj
3. Molly Dembla
4. Dhruwal Panchal

Mentor
Mrs. Manisha Mathur



Proposed Solution

Tools Used: React.js, Node.js, Express.js, MongoDB.

VISHRAM TOWER No.1 CO-OP. HOUSING SOCIETY LTD.
(REGN. No. TNA/(TNA)/HSG/(TC)/22181/2010. Dated:12.07.2010)
Sector No.9, Shree Nagar, Wagle Estate, Thane (West) - 400604
Tel.: 022 - 25837709 • Email: vt1chs@gmail.com

To,
Manisha Mathur
VESIT

Date : 01/03/2025

Subject: Endorsement Letter for Field Project titled Press And Thread.

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, **Dhruwal Panchal** and **Dimple Bhojwani** visited our institution as part of their academic **Field Project.**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, App development during the period**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Raj Shah
Secretary
Vishram Tower 1 CHS Ltd.
Shree Nagar, Thane

Endorsement Letter

Name of the Organization: FAD - A Step Towards Sustainable Fashion

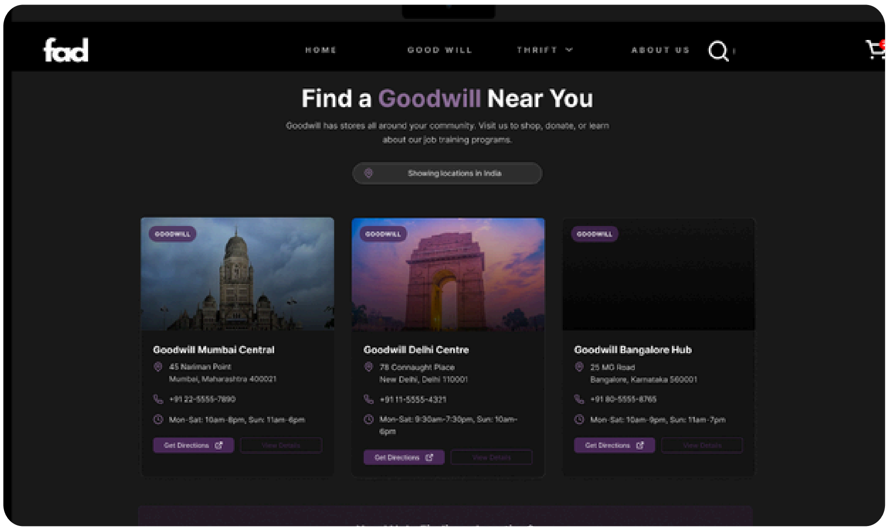
"FAD: A MARKETPLACE FOR SUSTAINABLE FASHION"

The fashion industry generates 92 million tons of textile waste every year, with 85% of discarded clothes ending up in landfills or incinerated. Fast fashion has led to excessive production and consumption, making it one of the biggest contributors to pollution. The need for a sustainable alternative has never been more urgent. FAD is a dedicated marketplace that makes thrifting easy, stylish, and impactful. We connect fashion-conscious shoppers with pre-loved branded, vintage, and rare clothing, ensuring high-quality pieces find a new home instead of being discarded. By embracing thrifting, we promote a circular economy where fashion is reused, reimagined, and cherished.

Domain -Application Design and Product Development

Group no. 43

Proposed Solution



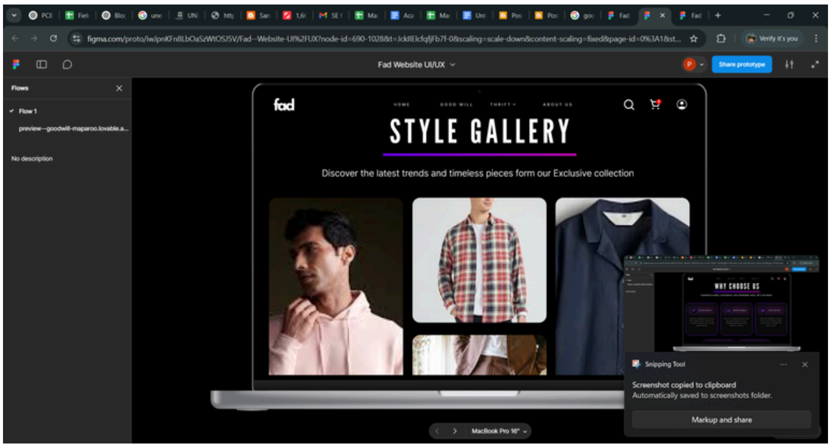
Github link video link

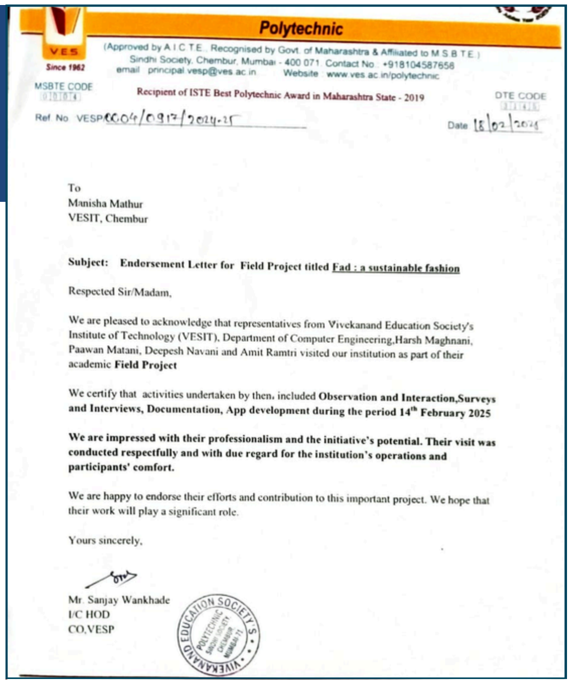
Team Members Name

1. Paawan Matani
2. Harsh Maghnani
3. Deepesh Navani
4. Amit Ramtri

Mentor

Manisha Mathur





Polytechnic
(Approved by A.I.C.T.E., Recognised by Govt. of Maharashtra & Affiliated to M.S.B.T.E.)
Sindhi Society, Chembur, Mumbai - 400 071. Contact No.: +918104587656
email: principal.vesp@ves.ac.in Website: www.ves.ac.in/polytechnic
VES Since 1962
MSBTE CODE
Recipient of ISTE Best Polytechnic Award in Maharashtra State - 2019
DTE CODE

Ref. No. VESP/CO04/0917/2024-25 Date: 18/02/2025

To
Manisha Mathur
VESIT, Chembur

Subject: Endorsement Letter for Field Project titled Fad : a sustainable fashion

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering,Harsh Maghnani, Paawan Matani, Deepesh Navani and Amit Ramtri visited our institution as part of their academic **Field Project**

We certify that activities undertaken by then, included **Observation and Interaction,Surveys and Interviews, Documentation, App development during the period 14th February 2025**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Mr. Sanjay Wankhade
I/C HOD
CO,VESP

Endorsement Letter

Tools and frameworks: React js, Node.js, Express.js and Postresql

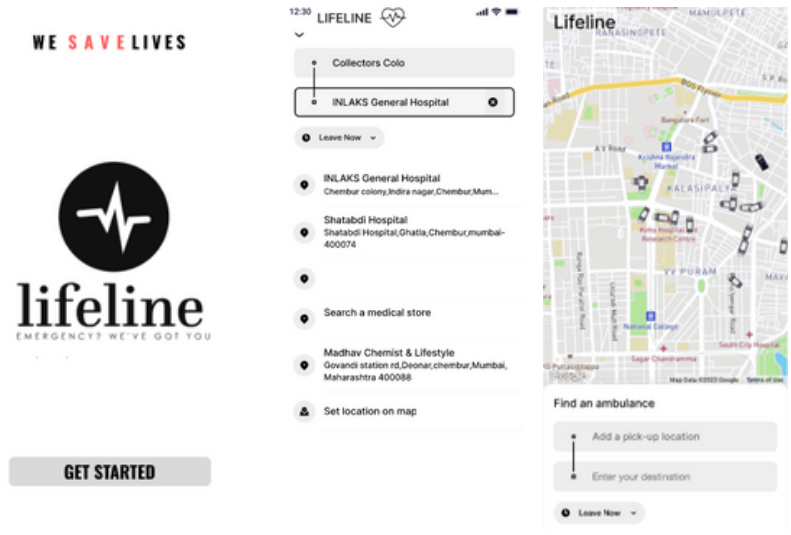
Name of the Organisation: MADHAV CHEMIST

LifeLine: Real-Time Ambulance Routing & Coordination

Many emergency response systems face delays due to inefficient dispatching and lack of real-time coordination. The Lifeline platform bridges this gap by optimizing ambulance dispatch and hospital coordination through AI-driven solutions. It ensures faster response times, live tracking, and seamless communication between hospitals, medical stores, and emergency responders.Aligning with SDG 3 (Good Health and Well-being), it enhances emergency healthcare accessibility, and SDG 9 (Industry, Innovation, and Infrastructure) by leveraging technology for smarter medical logistics. Through improved efficiency, data-driven decision-making, and real-time resource management, Lifeline strengthens healthcare infrastructure and saves lives.

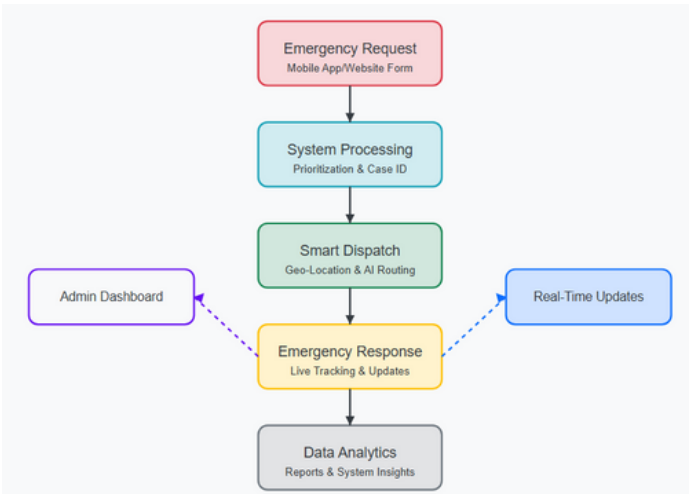
Group No:44

Domain: Application Design and Product Development



Git Hub Video Link

Team Member's Name	Mentor
1. Mahek Hingorani 2. Navya Rangwani 3. Khushi Sadhuramani 4. Ronit Chugwani	Mrs. Priyanka Shah



Proposed Solution

Tools used: React js,Javascript,MongoDB,Node js,Express js

MADHAV
Chemist and Lifestyle
SHOP NO.1 RUNWAL CENTRE PREMISES CO-OP SOCIETY LTD GOVANDI STATION ROAD,DEONAR MUMBAI - 400088.

To
Priyanka Shah,
Computer Department,
Vivekanand Education Society's Institute of Technology,
Chembur.

Subject: Endorsement Letter for Field Project titled

Respected Sir/Madam,
We are pleased to acknowledge that representatives from Vivekanand Education Society's
Institute of Technology (VESIT), Department of Computer Engineering,
[1] Ronit Chugwani
[2] Mahek Hingorani
[3] Navya Rangwani
[4] Khushi Sadhuramani
visited our institution as part of their academic **Field Project**
We certify that activities undertaken by them included Observation and Interaction, Surveys
and Interviews, Documentation, App development during the period
We are impressed with their professionalism and the initiative's potential. Their visit was
conducted respectfully and with due regard for the institution's operations and participants' comfort.
We are happy to endorse their efforts and contribution to this important project. We hope that
their work will play a significant role.

Yours sincerely,

MADHAV CHEMIST
Chembur

Endorsement Letter

Name of Organization: Orange Medicals

Pharma-Sync: AI-Powered Pharmacy Inventory Management

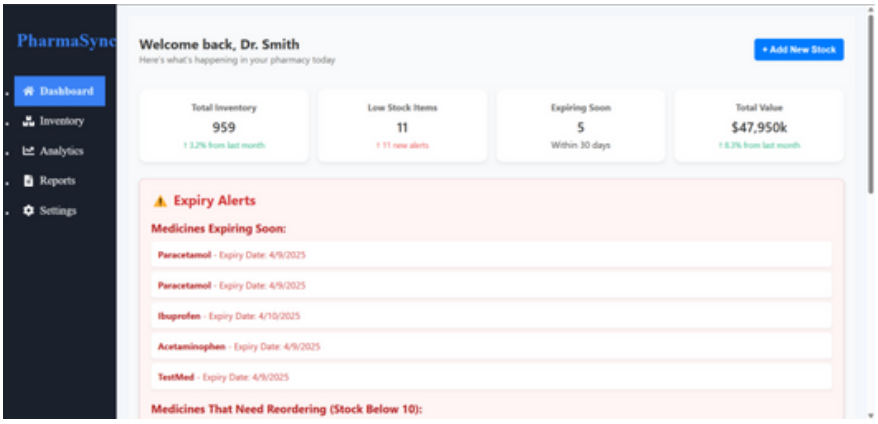
Pharmacies face challenges like manual inventory tracking, expired medicines, and stock shortages. Pharma-Sync is an AI-driven web application that automates stock management, predicts demand, and sends real-time expiry alerts. It reduces waste, improves efficiency, and ensures medicine availability using machine learning and predictive analytics. The platform provides a user-friendly dashboard for inventory insights and automated reorder suggestions. Aligned with SDG 3, 9, and 12, it promotes better healthcare, innovation, and responsible consumption. Pharma-Sync empowers pharmacies with data-driven decision-making for smarter inventory control.

Domain: Application Design and Product Development

Group No 45

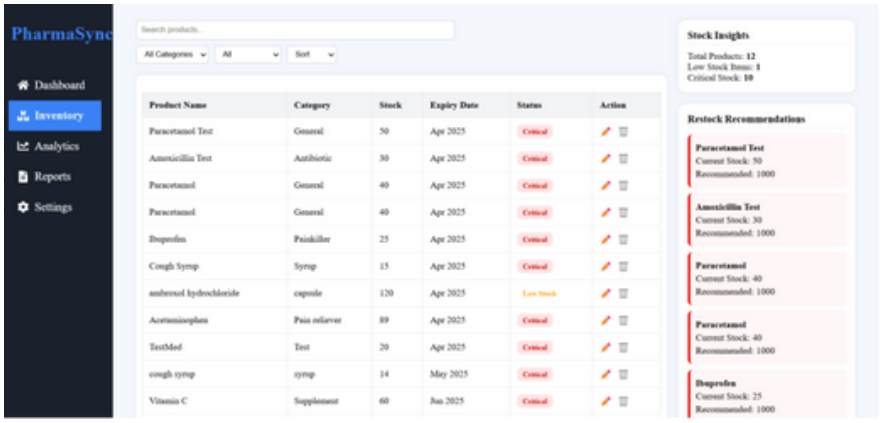
[Github link]

[YouTube]

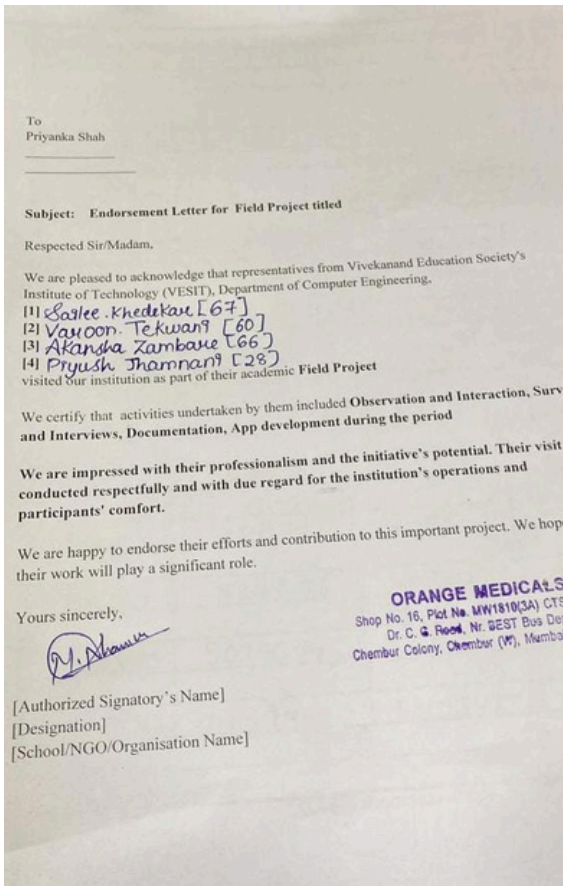


Team Member :
1.Sailee Khedekar
2.Akansha Zambare
3.Varoon Tekwani
4.Piyush jhanani

Mentor:
Priyanka Shah



Proposed Solution



To
Priyanka Shah

Subject: Endorsement Letter for Field Project titled

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering.

[1] Sailee Khedekar [67]
[2] Varoon Tekwani [60]
[3] Akansha Zambare [66]
[4] Piyush Jhamnani [28]

visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surv and Interviews, Documentation, App development during the period**

We are impressed with their professionalism and the initiative's potential. Their visit conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hop their work will play a significant role.

Yours sincerely,

ORANGE MEDICALS
Shop No. 16, Plot No. MW1810(3A) CTS
Dr. C. G. Road, Nr. BEST Bus De
Chembur Colony, Chembur (W), Mumba

[Authorized Signatory's Name]
[Designation]
[School/NGO/Organisation Name]

Endorsement Letter

Name of the Organization: SOBO Thane

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

11 SUSTAINABLE CITIES AND COMMUNITIES

TRANSFORMING REAL ESTATE : SOBO THANE

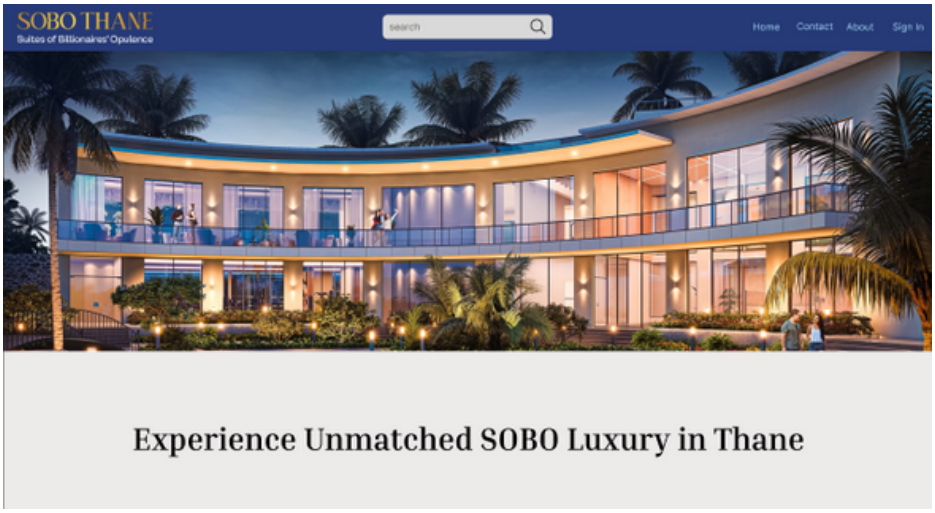
The real estate sector frequently encounters inefficiencies in transactions, a lack of transparency, and communication gaps between clients and builders. These challenges can lead to delayed property dealings, misunderstandings regarding project status, and difficulties in accessing reliable information.

Our project aims to address these issues by developing a web application that acts as a Common Central Point (CP) for all real estate-related interactions. This platform will streamline transactions by providing a transparent, efficient, and user-friendly interface where buyers, sellers, and builders can connect seamlessly. Key features will include real-time property listings, automated booking systems, secure documentation management, and direct communication channels to bridge the gap between clients and developers.

By integrating modern technology and AI-driven solutions, our web application will enhance trust, improve transaction efficiency, and create a more structured approach to real estate dealings. Additionally, our project aligns with Sustainable Development Goal 9 (SDG 9: Industry, Innovation, and Infrastructure) by leveraging digital innovation to improve real estate infrastructure and Sustainable Development Goal 11 (SDG 11: Sustainable Cities and Communities) by promoting smart, transparent, and sustainable urban development.

Domain: Application Design and Product Development

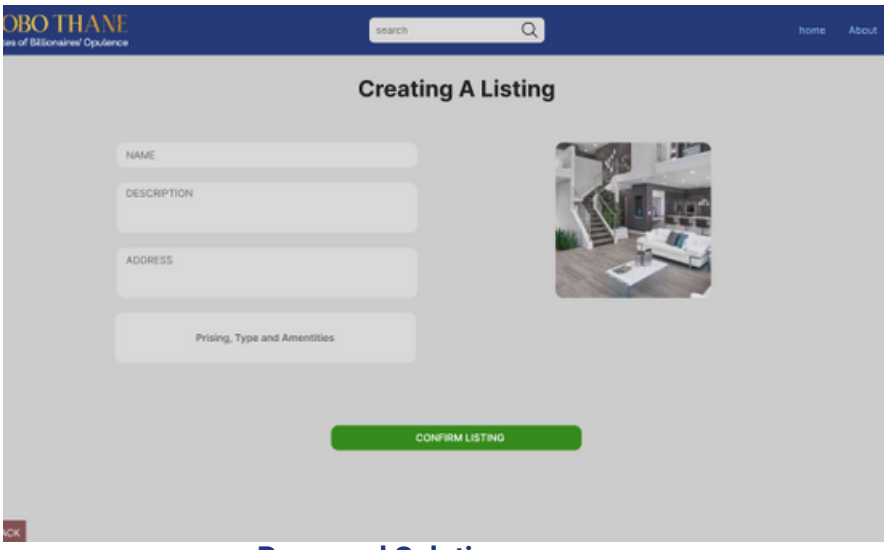
Group No : 46



Team Members Name	Mentor
1. Ryan Dsouza 2. Akash Jadhav 3. Mohit Chawla 4. Kunal Teli	Priyanka Shah

Github Link

Youtube Video



Proposed Solution

Tools Used: Node js,express js,React,MongoDB

To
Priyanka Shah,
VESIT

Subject: Endorsement Letter for Field Project titled

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering,
[1] Ryan D'souza
[2] Mohit Chawla
[3] Akash Jadhav
[4] Kunal Teli
visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, App development during the period**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

01/03/2025
Dinesh Rajpurohit
Sourcing Manager
SOBO THANE.

K RUDRAKSH REALTORS LLP
KRISHNA WING C MASTER COLLECTION AC

Endorsement Letter

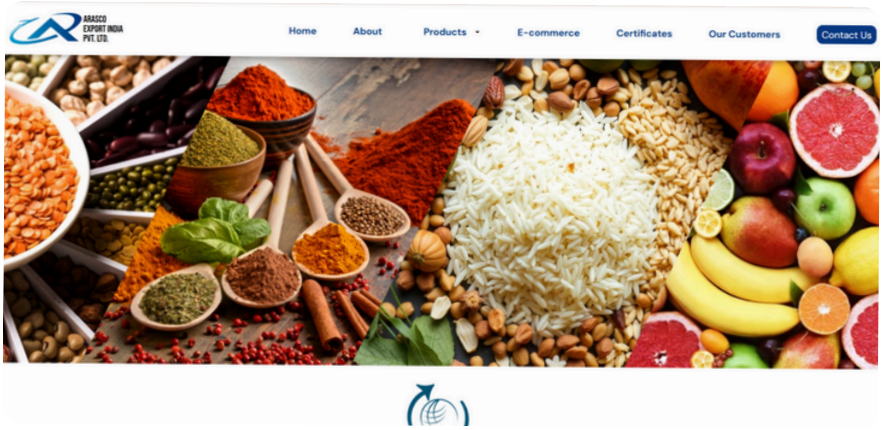
Name of the Organization: Arasco Export India Pvt.Ltd.

ARASCO EXPORT INDIA: TRANSFORMING GLOBAL TRADE WITH TECHNOLOGY

Arasco Export India is a dynamic import-export company specializing in food grains, committed to modernizing trade operations through digital transformation. By integrating technology into its supply chain, the company enhances efficiency, transparency, and global connectivity. Aligned with SDG 8 (Decent Work & Economic Growth), SDG 9 (Industry, Innovation & Infrastructure), SDG 12 (Responsible Consumption & Production), and SDG 17 (Partnerships for the Goals), Arasco Export India fosters ethical trade practices, optimizes resource utilization, and strengthens partnerships worldwide. Through responsible sourcing and streamlined logistics, the company ensures a seamless flow of high-quality food grains, contributing to sustainable economic growth while meeting global food security needs.

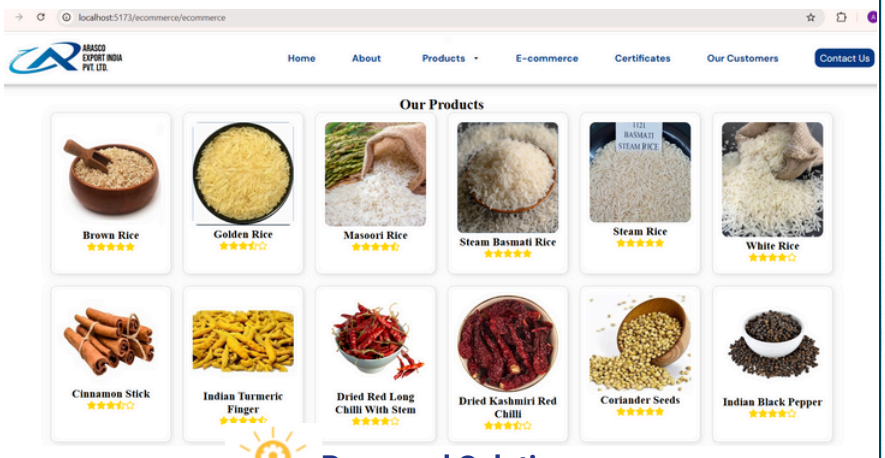
Group no. 47

Domain: Application design and Product development



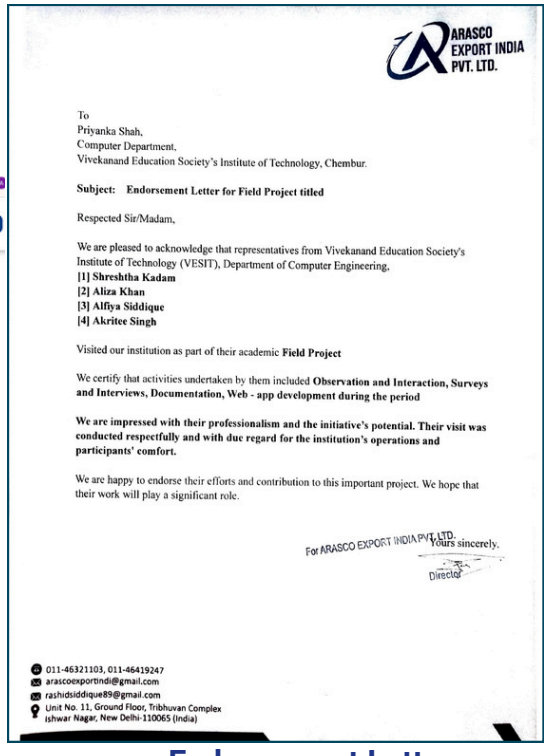
Team Members Name	Mentor
1. Alfiya Siddique 2. Akritee Singh 3. Shreshtha Kadam 4. Aliza Khan	Mrs.Priyanka Shah

Github link Video link



Proposed Solution

Tools Used: React.js, Vite, Tailwind CSS, Node.js, Express.js, MongoDB,Postman, ML model on import export trends



ARASCO EXPORT INDIA PVT. LTD.

To
Priyanka Shah,
Computer Department,
Vivekanand Education Society's Institute of Technology, Chembur.

Subject: Endorsement Letter for Field Project titled

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering,
[1] Shreshtha Kadam
[2] Aliza Khan
[3] Alfiya Siddique
[4] Akritee Singh

Visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included **Observation and Interaction, Surveys and Interviews, Documentation, Web - app development during the period**

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,
For ARASCO EXPORT INDIA PVT. LTD.
Director

011-46321103, 011-46419247
arascoexportindi@gmail.com
rashidsiddique89@gmail.com
Unit No. 11, Ground Floor, Tribhuvan Complex
Ishwar Nagar, New Delhi-110065 (India)

Endorsement Letter

Name of the Organization: SOHAM FOUNDATION

TRANSFORMING SOHAM FOUNDATION'S ONLINE PRESENCE:

A STEP TOWARDS GREATER OUTREACH

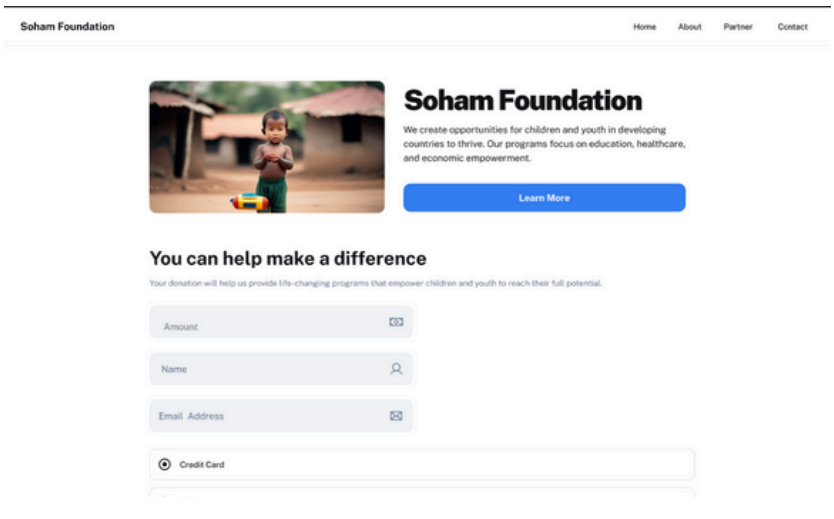
In today's digital age, having an effective online presence is crucial for NGOs to reach a larger audience In today's digital era, NGOs require a strong online presence to maximize their impact and reach a broader audience. Soham Foundation, an NGO based in Ulhasnagar, lacked a well-structured website to showcase their work, connect with donors, and provide information about their initiatives. Recognizing this gap, our team decided to develop a new website from scratch that aligns with Sustainable."

Group no. 48

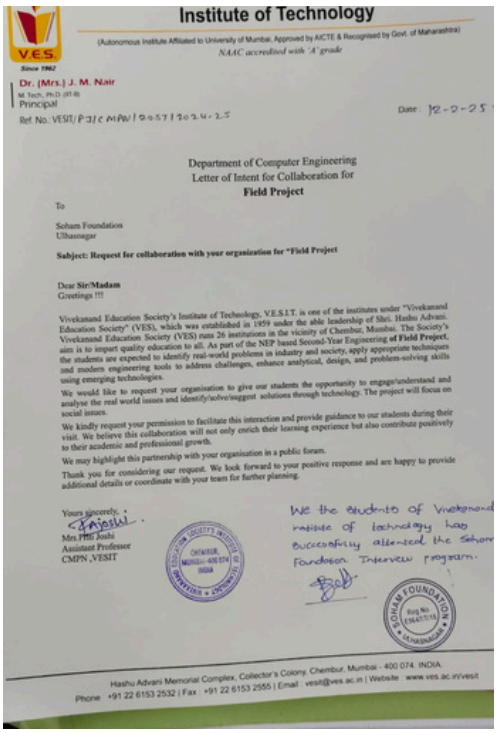
Domain: Application Design and Product Development

GitHub Link Video Link

Team Members Name	Mentor
1. Sandesh Pherwani 2. Jayesh Bijlani 3. Ronit Mulchandani 4. Hitesh Mangtani	Priti Joshi



Proposed Solution



Endorsement Letter

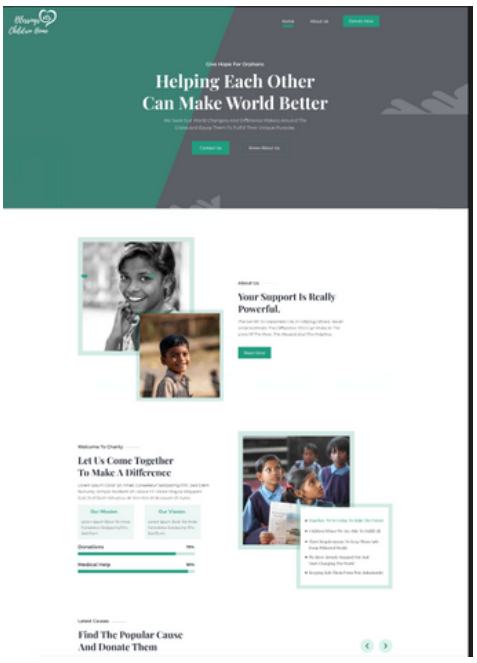
Name of the Organization: Blessings Children Home

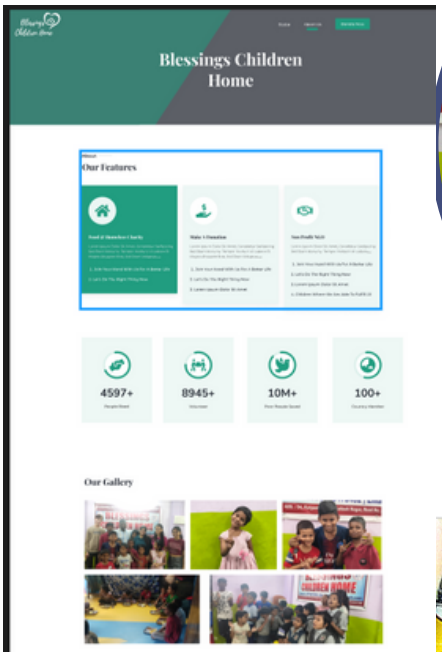
BRIGHTER TOMMOROWS

Children in orphanages often face significant challenges in accessing shelter, education, and essential resources, limiting their growth and future opportunities. Despite various social welfare programs, the lack of targeted platforms for support continues to hinder their development. Our project, Blessings Children Home, addresses this issue by creating a tech-driven website designed to provide shelter resources, educational support, and skill development opportunities for orphaned children. The website also tackles the challenge of insufficient donations by incorporating a donation page, allowing people to contribute directly to the orphanage's needs. This initiative aligns with SDG 1: No Poverty, by promoting financial independence through skill training and empowerment, and SDG 2: Zero Hunger, by facilitating access to food and nutrition programs, ensuring that no child is left behind in their journey toward a better future.

Group no. 49

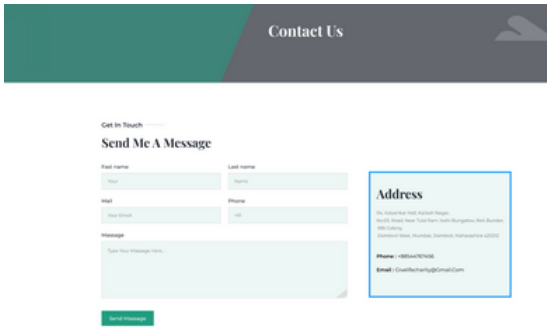
Domain: Application Design and Product Devloplement





Github Link Video Link

Team Members Name	Mentor
1. Karan Sarani 2. Ruchika Dingria 3. Shravani Bhosale 4. Vedika Dhamale	Priti Joshi



Endorsement Letter

Proposed Solution

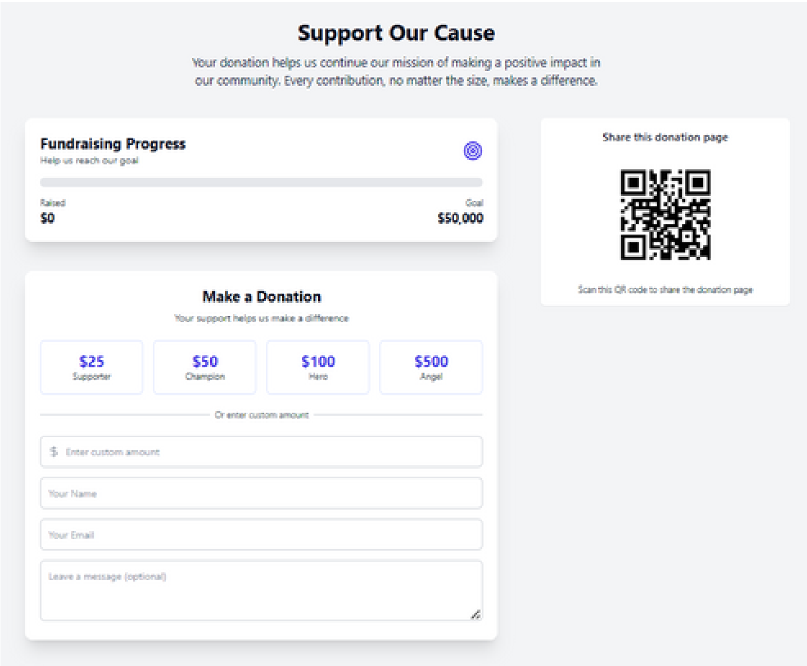
Tools Used:React js, vite js, tailwind css, next js

Name of the Organization: Swasth Bharat Yoga Kendra

SWASTH BHARAT YOGA KENDRA - SBYK

In today's digital age, having an effective online presence is crucial for NGOs to reach a larger audience In today's digital era, NGOs require a strong online presence to maximize their impact and reach a broader audience. Swasth Bharat Yoga Kendra , an NGO based in Ulhasnagar, Mumbai, lacked a well-structured donation page to connect with donors, and provide information about their initiatives. Recognizing this gap, our team decided to develop a page that aligns with Sustainable.

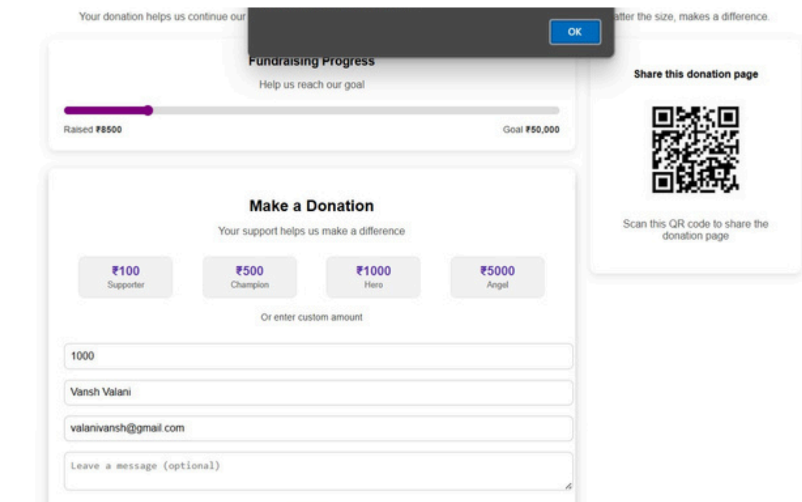
Group no. 50



Github Link   Video Link

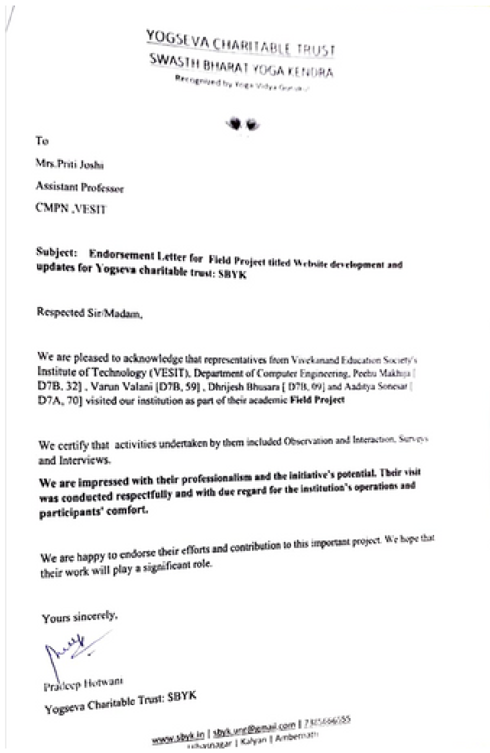
Team Members:
1. Varun Valani
2. Peehu Makhija
3. Drijesh Bhusara
4. Aditya Sonesar

Mentor
Priti Joshi



Proposed Solution

Tools Used:React js, vite js, tailwind css, next js



YOGSEVA CHARITABLE TRUST
SWASTH BHARAT YOGA KENDRA

To

Mrs.Priti Joshi

Assistant Professor

CMPN ,VESIT

Subject: Endorsement Letter for Field Project titled Website development and updates for Yogseva charitable trust: SBYK

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, Peehu Makhija [D7B, 32] , Varun Valani [D7B, 59] , Dhrijesh Bhusara [D7B, 09] and Aaditya Sonesar [D7A, 70] visited our institution as part of their academic Field Project

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Pradeep Hotwani

Yogseva Charitable Trust: SBYK

www.sbyk.in | sbyk.org@gmail.com

Endorsement Letter

Name of the Organization: Vasant Valley Society Kalyan

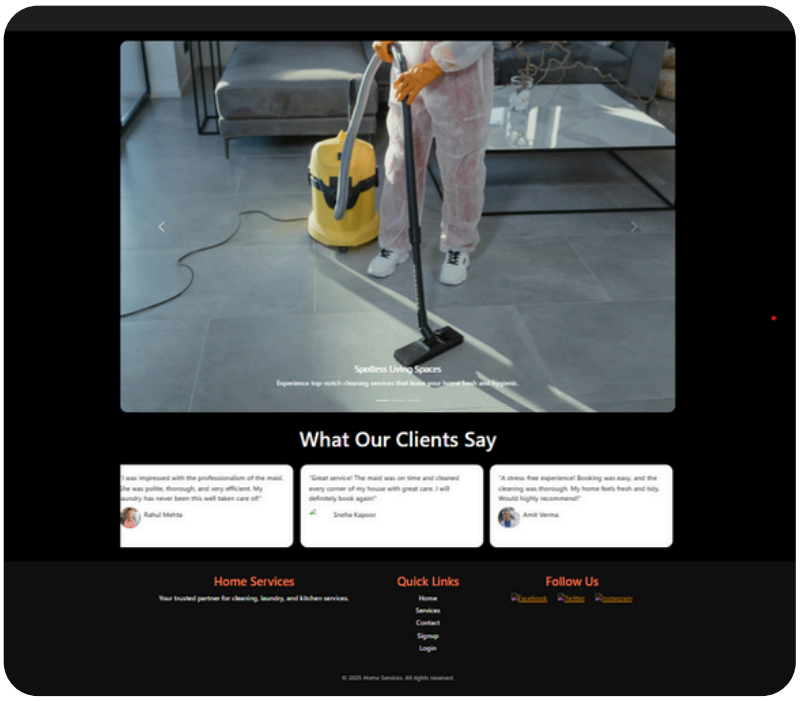
"CLEAN NEST - HOUSEHOLD SERVICE PROVIDER

Group no. 51

Struggling to keep up with household chores? We bring you professional, background-verified maids to make your life easier! Whether you need cleaning, dishwashing, laundry, dusting, or deep cleaning, our reliable workers ensure your home stays spotless. With flexible booking options and transparent pricing, finding the perfect maid has never been easier.

Why Choose Us?

- Verified & Experienced Maids – Every maid is background-checked and trained to provide top-notch service.
- Customizable Service Plans – Choose from one-time, daily, weekly, or monthly bookings as per your needs.
- Affordable & Transparent Pricing – Get upfront pricing without any hidden charges.
- Instant Booking & Real-Time Availability – Find and book a maid near you in just a few clicks.
- Customer Reviews & Ratings – Check honest feedback from other users before making a choice.

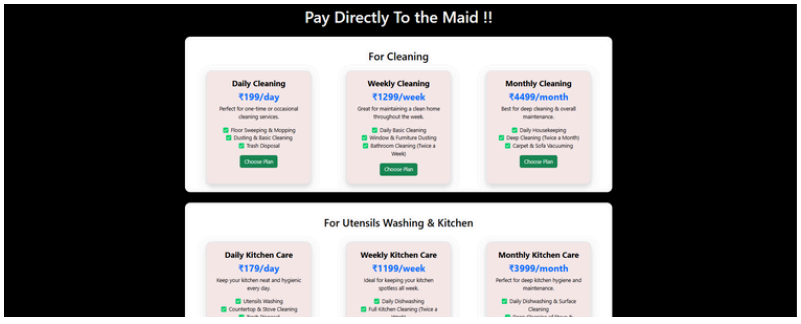


Github Link Video Link

Team Members:-

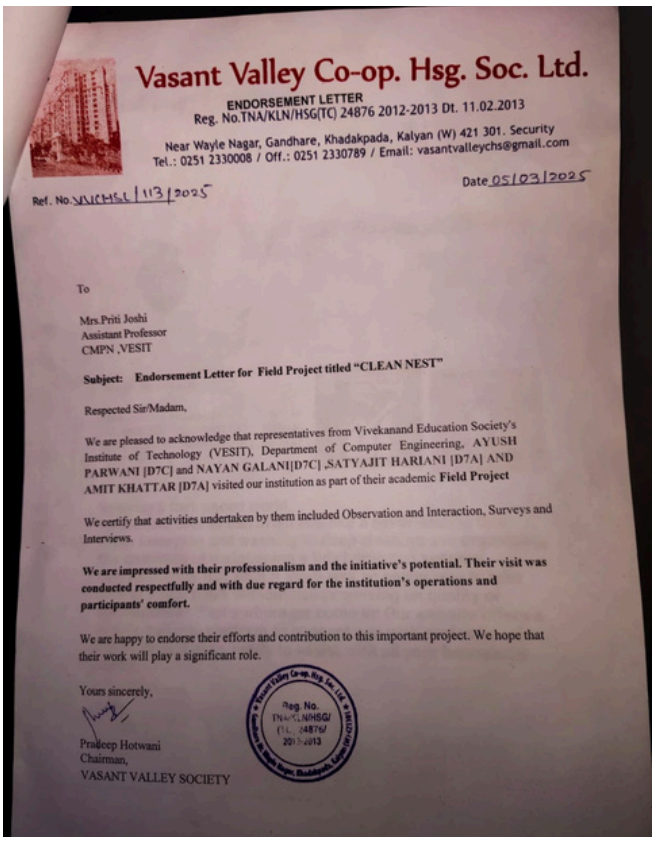
1. Ayush Parwani
2. Nayan Galani
3. Satyajit Hariani
4. Amit Khattar

Mentor Name
Priti Joshi



Proposed Solution

Tools Used: HTML , CSS, Javascript , PHP



Vasant Valley Co-op. Hsg. Soc. Ltd.
ENDORSEMENT LETTER
Reg. No.TNA/KLN/HSG(TC) 24876 2012-2013 Dt. 11.02.2013
Near Wayle Nagar, Gandhare, Khadakpada, Kalyan (W) 421 301. Security
Tel.: 0251 2330008 / Off.: 0251 2330789 / Email: vasantvalleychs@gmail.com

Ref. No. VVCHSL/113/2025 Date 05/03/2025

To
Mrs.Priti Joshi
Assistant Professor
CMPN ,VESIT

Subject: Endorsement Letter for Field Project titled "CLEAN NEST"

Respected Sir/Madam,

We are pleased to acknowledge that representatives from Vivekanand Education Society's Institute of Technology (VESIT), Department of Computer Engineering, AYUSH PARWANI [D7C] and NAYAN GALANI[D7C] ,SATYAJIT HARIANI [D7A] AND AMIT KHATTAR [D7A] visited our institution as part of their academic **Field Project**

We certify that activities undertaken by them included Observation and Interaction, Surveys and Interviews.

We are impressed with their professionalism and the initiative's potential. Their visit was conducted respectfully and with due regard for the institution's operations and participants' comfort.

We are happy to endorse their efforts and contribution to this important project. We hope that their work will play a significant role.

Yours sincerely,

Pradeep Hotwani
Chairman,
VASANT VALLEY SOCIETY

Reg. No. TNA/KLN/HSG/ (TC) 24876/ 2012-2013

Endorsement Letter

5. Industry Projects

Sr. No.	Group Members	Class	Name of the Mentor	Title of the Project	Name of the Industry	Name of the resource Person
TE Project Group						
1	Dipeshbhai Patel	D12B	Mrs Yugchhaya Galphat	AI-Driven short- and medium-term Crude Oil and Carbon Black price forecasting	Vidhitech Solutions Private Limited, New Delhi - 110070	Mr. Vinod Taneja
	Advay Somani	D12B				
	Parth Takale	D12B				
	Parth Udole	D12B				
BE Project Group						
1	Kinjala Ahuja	D17C	Dr. Sharmila Sengupta	Visual Digital Twin of Medical Solutions for a specialised Gen AI Agentic Model	Myraa Technologies Pvt. Ltd.,	proof
	Taufique Ansari	D17C				
	Devangana Barua	D17C				
	Dipanshu Ghime	D17C				
2	Saumya Tripathi	D17B	Dr. Sharmila Sengupta	Dhaanya:AI -Powered Disease Incidence Prediction system for Paddy Plants	Government of Maharashtra,Mahatma Phule Krish Vidyapeeth, Rahuri	Dr. K.S. Raghuvanshi,Rice Pathologist, Agricultural Research Station Lonavala proof
	Attreyee Mukherjee	D17B				
	Yashodhan Sharma	D17B				
	Amogh Inamdar	D17B				
3	Aditya Mangtani	D17A	Ms. Vidya Zope	M/S SK Gurbaxani Pvt. Ltd.Construction Management System App.	M/S SK Gurbaxani Pvt. Ltd.	Mr. Amar Gurbaxani, Director proof
	Hiten Kataria					
	Tejas Ghodke					
	Malhar Pande					

DEPARTMENT OF COMPUTER ENGINEERING

Congratulations

PRADARSHINI'25 WINNERS

Pradarshini’25 is a platform and one of the Best practices and Distinctiveness(Peer to Peer Learning) of Department of Computer Engineering in which the Second Year (SE), the Third year (TE) and the Final year (BE) students exhibit the project work.

B.E. Projects

1

Financial Risk analysis Using LLM
Mentor: Dr. Mrs. Sujata Khedkar
Members: Ketaki Nalawade, Tasmiya Khan, Purtee Mahajan, Srushti Sambare

2

FarmImpact: Impact of Climate Change on Agriculture in India
Mentor: Dr. Mrs. Gresha Bhatia
Members: Vishakha Singh, Manasi Sharma, Anushka Shirode

3

Crucial Need-Real time prenatal health monitoring
Mentor: Mrs. Nusrat Ansari
Members: Vanshika Lalwani, Madhura Gaval, Prerna Banswani, Kalpana Gurnani,

T.E. Projects

1

Jetlagged: Prediction of Airline Flight Delay
Mentor: Mrs. Vidya Zope
Members: Ved Waje, Abhirat More, Pranita Bannore, Harshita Lohana

2

NFTBazar : A Blockchain based NFT Exchange
Mentor: Dr. Mrs. Nupur Giri
Members: Rohit Shahi, Umesh Tolani, Gopal Vanjarani, Gaurav Mahadeshwar

3

eTherapist : A ML based Precision and Relief System using VR
Mentor: Dr. Mrs. Priya R.L.
Members: Siddhi Awari,Sri Haritha Movva,Ananya ,arthasarathy Srushti Poriwade

Consolation Prizes

Portfolio Optimization and Risk Management Using Advanced Quantitative Models
Mentor: Mrs. Abha Tewari
Members: Uzair Ibrahim Shaikh, Krishnam Raja, Dhiren Sidhwani

B.E. Projects

RailRelax : Enhancing Train Travel Comfort
Mentor: Mrs. Lifna C.S.
Members: Wafiya alim shaikh, Anjali Thakrani,Anisha Shankar,Himaja pannati

T.E. Projects

LearnEase : Adaptive Learning Hub
Mentor: Mrs. Pallavi Saindane
Members: Jiten Purswani,Laveena Mirani,Srimathi Srinivasan, Kareena Lachhani

T.E. Projects

7. Smart India Hackathon

Sr. No.	Hackathon Details	Achievement	Title of the Project	Mentor Name	Team Leader	Team Members
1	Smart India Hackathon,10- 12th Dec 2024, IITGN	Winner of PS ID 1724	Sahkaar Setu	Mrs. Pallavi Saindane, Mrs.Lifns C. S.	Darshan Khapekar - D12B	Aadil Shah - D12C, Shreyas Bagwe - D12C, Pranav Pol - D15A, Shravani Rasam - D15A, Anuprita Mhapankar - D15A
2	Smart India Hackathon,10-12 Dec 2024,VTU Belgavi	Winner PS ID 1700	Devloping an AI based chatbot/virtual assistant for the DOJ/Ministry of Law of India	Dr. Rohini Temkar	Manav Keswani-D17C	Soham Tawade-D17C Soumil Tawde-D17C Rishi Kokil-D17C Tanmay Chaudhary-D17C Mrudula Gotmare-D20A

7. Hackathons and Competitions

Sr. No.	Hackathon Details	Achievement	Title of the Project	Mentor Name	Team Leader	Team Members
1	Hack2Future, IIIT Dharwad, 26 October, 2025, Dharwad, Karnataka	Categorised as Top 10 teams	VisionAI	Mrs. Priya R.L.	Ayush Duseja - D12A	Ayush Duseja - D12A Darshan Kakad - D12A Soham Chaudhari - D12A Pranita Bannore - D12A
2	MedinosXAdvitiya-25 -IIT Ropar 9th Feb 2025	Runners up position (2nd among all teams)	MedicX	Mrs. Priya R.L	Latish adwani D12A(1)	Soham ChaudhariD12A(15) Vineet Chelani D12A(15) Karan Bhatia D12B(08) Yash Sharma D12A(55)
3	Name: DevHack 6.0 Organisor: Vedant Kannur Date: 31st January - 2nd February Venue: Indian Institute Of Technology Dharwad	Secured 1st place in this hackathon in web development track amongst 50 teams	HappyMinds: AI-Powered Rural Mental Healthcare Platform	Pallavi Saindane	Simran Gurdasani - D12A	Harsh Ahuja - D12A Rushil Rohra - D7A
4	KAINOS 2024:Online National Hackathon, RAIT ACM SIGAI Student Chapter 26 -28 Sep 2024, D.Y. Patil Ramrao Adik Institute of Technology (RAIT), Navi Mumbai	Winner	RightsQuest	Dr.(Mrs.) Nupur Giri	Anisha Shankar - D12B	Tejas Gadge - D12B
5	Zonal Round of the prestigious 19th Aavishkar Inter-Collegiate/Institute / Department Research Convention (Zonal Round) Academic Year 2024-25, 17 Dec 2024, Lokmanya Tilak College of Engineering,	Winner	Suraksha_Sakey: Ensuring safety for all ages	Mrs. Mannat Doultani	Tejas Gadge - D12B	Deepak Kumbhar - D12B, Ganesh Shelar-D12B, Vedant Mhatre-D12B

	Koparkhairane(Zonals) & Ghanshyamdas Saraf College of Arts & Commerce, Malad West(Finals) University of Mumbai					
3	Event: Eco Hackathon – Technex'25, IIT BHU Date: Round 1: Online Submission Round – Start: 10th January 2025, 05:00 PM IST End: 3rd February 2025, 06:00 PM IST Round 2: Online Prototype Development & Pitch Start: 4th February 2025, 11:59 PM IST End: 14th February 2025, 06:00 PM IST Final Round: Offline Hackathon – Fully functional product & live presentation to judges Start: 28th February 2025, 05:00 PM IST End: 2nd March 2025, 09:00 PM IST Venue: IIT BHU, Varanasi Team name: Epic Bytes	3rd Prize for Problem Statement: Disaster Management and Real-Time Prediction for Risk Mitigation	Aapda Mitra	Mrs. Nusrat Ansari	Vivek Venkatachalam - D12A	Nishika Gangwani - D12A Madhura Golatkar - D12A