VESIT · V.E.S. · Since 1962 · VESIT IIC · SUSTAINABLE DEVELOPMENT GOALS · H.A.B.I.T FOUNDATION

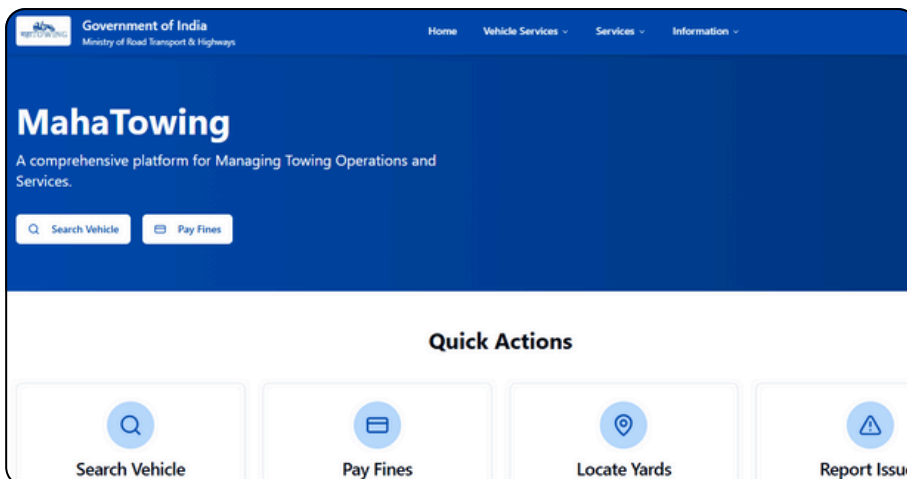## Name of the Organization: Trombay Traffic Division, Mumbai

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.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE · **11 SUSTAINABLE CITIES AND COMMUNITIES** · **16 PEACE, JUSTICE AND STRONG INSTITUTIONS** · **17 PARTNERSHIPS FOR THE GOALS**

Group No. 25

Domain: Application Design and Product Development

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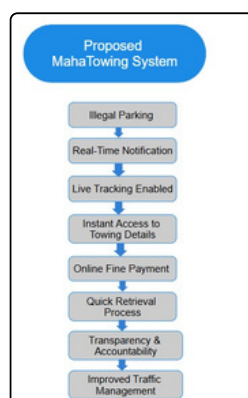2. Diksha Patkar
3. Pradnya Patil
4. Pranjal Ahuja
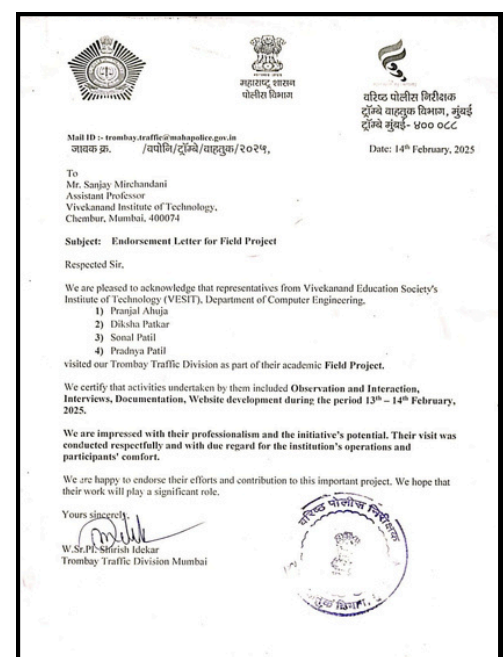
Mentor
Mr. Sanjay Mirchandani

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.

Proposed MahaTowing System
- Illegal Parking
- Real-Time Notification
- Live Tracking Enabled
- Instant Access to Towing Details
- Online Fine Payment
- Quick Retrieval Process
- Transparency & Accountability
- Improved Traffic Management

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

Proposed Solution

Endorsement Letter