



SMART INDIA  
HACKATHON  
2023

# Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:  
Government Of Himachal Pradesh

PS Code: SIH1382

Problem Statement Title: Real Time Vehicle Tracking System

Team Name: EL

Team Leader Name: Aathish R Viswam

Institute Code (AISHE): C-43611

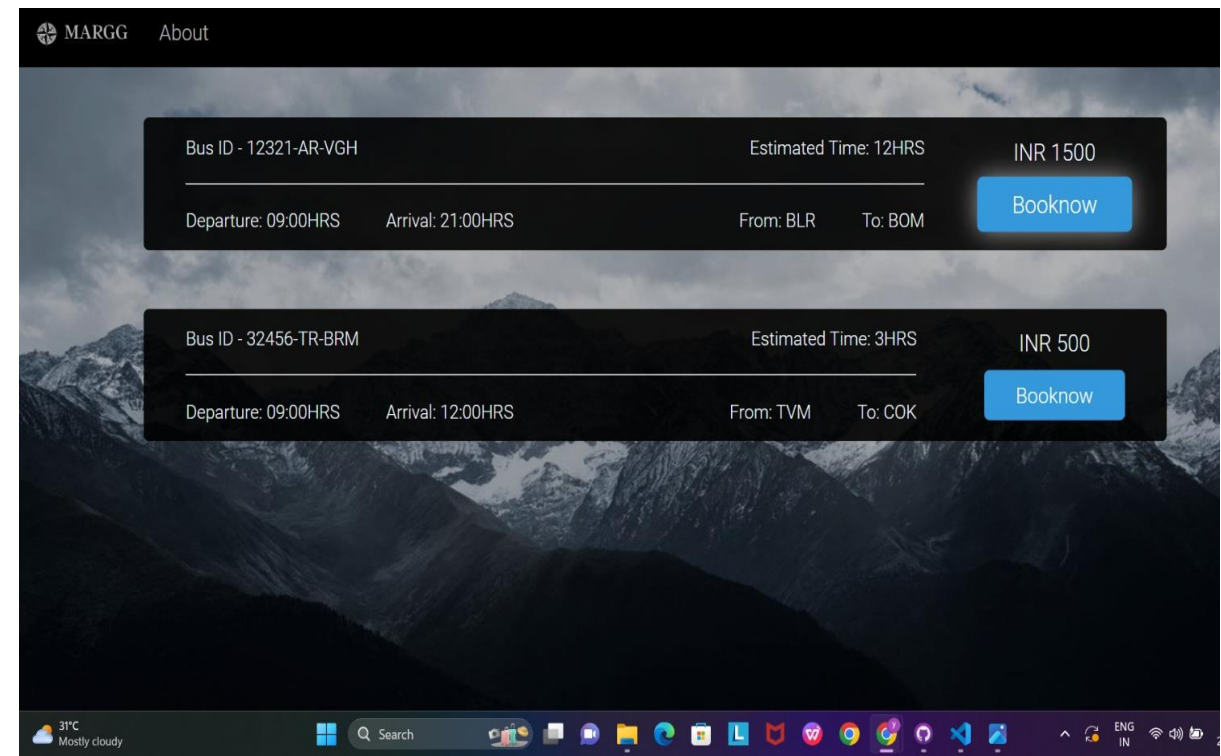
Institute Name: Mar Baselios College Of Engineering And Technology

Theme Name: State Government



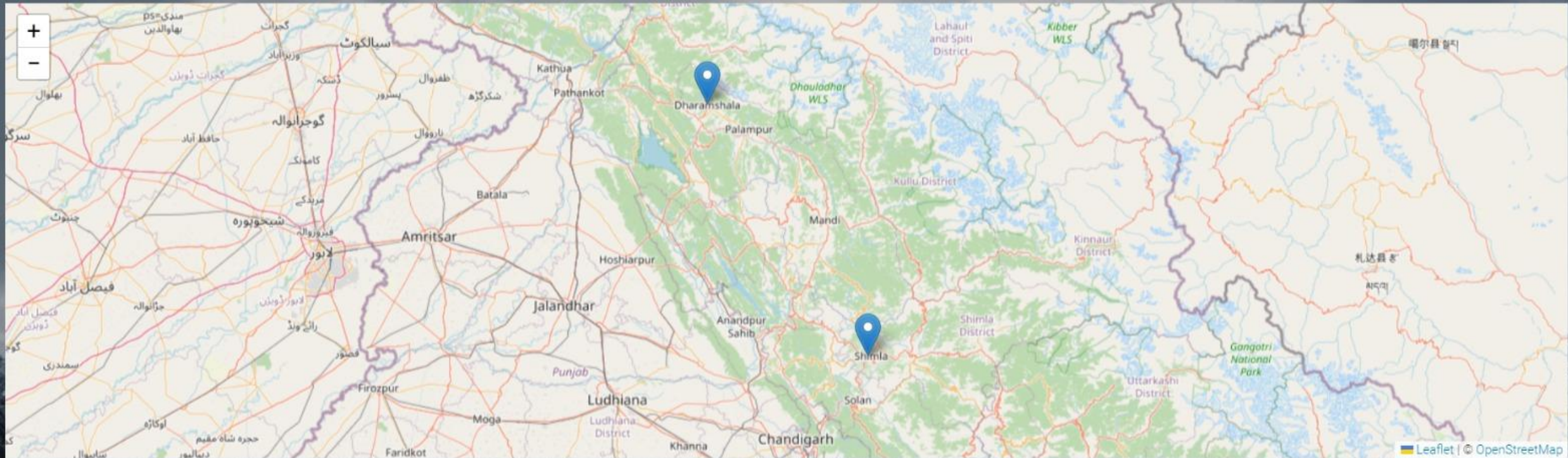
# Real Time Vehicle Tracking System

- Why this problem statement?
- What's Our Idea?
  - > Real time tracking system.
  - > Easier Travelling
  - > Safer Journey
  - > Environmental Friendly



## Technology stack :

- Operating system : Website
- Server-side programming language : Python under FLASK.
- Client-side programming language : HTML, CSS, JS , Leaflet



SLV → DHM

# Shimla



# Dharamshala

Est. time: 3:30hrs  
Departure: 15:00  
Arrival: 18:30  
Emmissions: XX g/km

Share your location

Give an alert



# MARGG

"TRACK YOUR JOURNEY WITH EASE, SAFETY, AND SPEED!"

## Situations That We May Undergo

- Time Issues
- Unfortunate Disasters
- Safety for all user
- Overcrowding
- Tourist
- Parking Issue
- Emergencies

## Our Dependencies

### ➤ Hardware :

- > Vehicle
- > Sensors
- > Camera
- > Smartphones
- > Alert Button
- > Screens

### ➤ Software :

- HTML
- JS
- Python
- CSS



# Team Member Details

**Team Leader Name: Type Your Name Here :Aathish R Viswam**

<b>Branch (Btech/Mtech/PhD etc):</b>	<b>B.Tech</b>	<b>Stream (ECE, CSE etc):</b>	<b>EEE</b>	<b>Year (I,II,III,IV): II</b>
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**Team Member 1 Name: Type Your Name Here :Yash Chhalotre**

<b>Branch (Btech/Mtech/PhD etc):</b>	<b>B.Tech</b>	<b>Stream (ECE, CSE etc):</b>	<b>EEE</b>	<b>Year (I,II,III,IV): II</b>
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**Team Member 2 Name: Type Your Name Here :Nandana Krishna**

<b>Branch (Btech/Mtech/PhD etc):</b>	<b>B.Tech</b>	<b>Stream (ECE, CSE etc):</b>	<b>EEE</b>	<b>Year (I,II,III,IV): II</b>
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**Team Member 3 Name: Type Your Name Here :Amal S**

<b>Branch (Btech/Mtech/PhD etc):</b>	<b>B.Tech</b>	<b>Stream (ECE, CSE etc):</b>	<b>EEE</b>	<b>Year (I,II,III,IV): II</b>
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**Team Member 4 Name: Type Your Name Here :Vishnu B.S**

<b>Branch (Btech/Mtech/PhD etc):</b>	<b>B.Tech</b>	<b>Stream (ECE, CSE etc):</b>	<b>EEE</b>	<b>Year (I,II,III,IV): II</b>
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**Team Member 5 Name: Type Your Name Here :Varsha Rachel George**

<b>Branch (Btech/Mtech/PhD etc):</b>	<b>B.Tech</b>	<b>Stream (ECE, CSE etc):</b>	<b>EEE</b>	<b>Year (I,II,III,IV): II</b>
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**Team Mentor 1 Name: Type Your Name Here**

<b>Category (Academic/Industry):</b>	<b>Expertise (AI/ML/Blockchain etc):</b>	<b>Domain Experience (in years):</b>
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**Team Mentor 2 Name: Type Your Name Here**

<b>Category (Academic/Industry):</b>	<b>Expertise (AI/ML/Blockchain etc):</b>	<b>Domain Experience (in years):</b>
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