Project Design Phase-I
Proposed Solution

Date	16 November 2022
Team ID	PNT2022TMID46231
Project Name	Machine Learning Based Vehicle Performance Analyzer 61GB
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Problem statement is to track fuel consumption in fleet vehicles and provide detailed statistics and suggestions for efficiency in a website.
2.	Idea / Solution description	A website to display the fleet information and provide detailed statistics with visualization as graphs and pie charts. Also provide suggestions for fuel efficiency improvement using ML models.
3.	Novelty / Uniqueness	Predict fuel consumption and suggest best possible path, speed etc. Responsive website. Realtime tracking and analysis
4.	Social Impact / Customer Satisfaction	Reduce fuel consumption and thereby reducing carbon emissions. Fleet owners enjoy increased profits and will be able to track fraudulent activities in their fleet.
5.	Business Model (Revenue Model)	Subscription based business model where all necessary sensors will be installed with technical support and training. Premium subscribes get real-time data of their fleet vehicles.
6.	Scalability of the Solution	This project can be scaled further to common people who want to track their fuel consumption in their cars. Logistic companies and shipping companies can also use this technology for any vehicle.