

Project Design Phase – I

Date	24 September 2022
Team ID	PNT2022TMID35378
Project Name	Machine Learning Based Vehicle Performance Analyzer
Maximum Marks	2

Proposed Solution Template

S.No.	Parameter	Description
1.	Problem Statement	The user is an Automobile manufacturer which is looking for new technologies to analyse the performance of its vehicles.
2.	Idea / Solution description	The variables that are measured across different parts of the car and its performance can be used to forecast the condition of the vehicle. This continual process of collecting, studying, analysing, and documenting vehicle's performance can be used to gain competitive advantage.
3.	Novelty / Uniqueness	Giving the public and the manufacturer the feature to analyse their vehicle's performance.
4.	Social Impact / Customer Satisfaction	The product improves vehicles performance, increases mileage, efficiency, lifetime, etc. These properties will have a positive response.
5.	Business Model	Selling the product as an application and/or selling through collaboration with vehicle manufacturers. Product can also be sold to Racing companies for them to dominate in their field
6.	Scalability of the Solution	The project will be scalable when the parts used to measure data in vehicles is feasible and the ML model is fast in processing data.