Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID33850
Project Name	Machine Learning Based on Vehicle performance Analyzer
Maximum Marks	2 Marks

Problem Statement:

The main goal is to predict the performance of the car to improve certain behaviours of the vehicle and help to improve the system's fuel consumption and increase efficiency.

Whom does the problem affect?	Most of the Vehicles face traffic problem and Car drivers also facing some more unpredicted errors while driving lead to accidents. Vehicles become undetermined because of unknown prediction of their condition
What are the boundaries of the problem?	This problem lead most of the vehicles to deadline in earlier days. Traffic condition become the great impact due to this problem. Drivers unable to predict their vehicle's state.
What is the issue?	Insufficient data analysis for all the previous incidents and previous products. Lack of Vehicle performance issue leads to various analysis according to road-transport system.
When does the issue occurs?	Data varies according with these factors such as terrain, temperature, weather, trip length and environment, driving behaviour and load all affect the performance of a vehicle over time
Where is the issue occurring?	Occurs majorly in unorganized sectors, who are not able to maintain the proper data analysis.
Why is it important that we fix the problem?	Intense competition in higher education in many different countries mandates the need for assessments of customer-perceived service quality for differentiation purposes. Important role is to satisfy the Customers with vehicle's performance.