Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	October 2022
Team ID	PNT2022TMID01291
Project Name	Project – Machine Learning based Vehicle Performance Analyzer
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Accepts User's inputs	The system must accept the user input which is entered via smart phone.
FR-2	Process User's inputs	The system must give the user inputs as the test inputs to the model built.
FR-3	Analysis	The system must allow the model to perform analysis on the inputs.
FR-4	Prediction	The system must allow the model to predict the performance based on the training data.
FR-5	Output	The system must display the prediction value to the user.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User gets attracted by the aesthetic user interface of the application. It provides easy access to the users.
NFR-2	**Reliability**	Users can access the application 99.9% of the time without failure
NFR-3	**Performance**	The application provides better performance by quick loading of the application.
NFR-4	**Availability**	It describes how likely the system is accessible to a User at a given point of time. The application is available whenever the user needs it.
NFR-5	**Compatibility**	Able to run on any Operating Systems.