## 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	Functional Requirement	Sub Requirement (Story / Sub-Task)
No.	(Epic)	
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	Non-Functional Requirement	Description
No.		
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.