

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

Date	13 October 2022
Team ID	PNT2022TMID15686
Project Name	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	User Registration	Registration through Form.
FR-2	User Confirmation	Confirmation via Email.
FR-3	User Login	Login via Email. Login via password.
FR-4	Getting User values	Making user to enter the vehicle details.
FR-5	Prediction	Predicting the performance of the vehicle.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Predicting the performance of the vehicle.
NFR-2	Security	Providing security to the website.
NFR-3	Reliability	Providing high reliability by predicting values for different types of vehicles.
NFR-4	Performance	Providing high performance by using some machine learning techniques.
NFR-5	Availability	It is used for all types of road running vehicles.
NFR-6	Scalability	Predicting values for different types of vehicles.