

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

Date	26 October 2022
Team ID	PNT2022TMID02503
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 and Car Registration	Registration through Website.
FR-2	Entering the specs of the car	Obtaining the specs of the car.
FR-3	Performance analysis	Analyzing the performance of the car.
FR-4	Results of the analysis	Displaying the required result to the customer.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Predicting the car's performance.
NFR-2	Security	Providing base level security for the website.
NFR-3	Reliability	Providing accurate performance values for the car.
NFR-4	Performance	Enhancing performance by using efficient ML algorithm.
NFR-5	Availability	Available to anyone and anytime.
NFR-6	Scalability	Will be able to handle multiple users.