

Project Design Phase-II

Solution Requirements (Functional and Non-functional)

Date	3 November, 2022
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 Website
FR-2	Entering the specifications of the car	Obtaining the specs of the car
FR-3	Performance analysis	Analysing 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:

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