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

Date	03 October 2022
Team ID	PNT2022TMID12506
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 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 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.