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

Date	31 October 2022
Team ID	PNT2022TMID13270
Project Name	Machine Learning Based Vehicle Perfomance 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 Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Display of services	It display various services that can be opted for particular vehicle.
FR-4	Safety Measures	It tracks the vehicle location to avoid theft.
FR-5	Performance Analysis	It analysis the performance of the vehicle before and after service provided.
FR-6	Bill payment mode	It provides various payment options.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The UX/UI will be user-friendly and will be highly responsive .
NFR-2	**Security**	It provides a facility to track vehicles location that satisfies security.
NFR-3	**Reliability**	The database of vehicles can be maintained for long time ensuring reliability.
NFR-4	**Performance**	The application is programmed to efficiently work under circumstances like network congestion etc
NFR-5	**Availability**	The application available for everyone at ease. The UX/UI experience should be understandable.
NFR-6	**Scalability**	The application is designed in such a way that it can handle ,if any high traffic occurs.