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

Date	15 October 2022
Team ID	PNT2022TMID20562
Project Name	Project - Machine Learning based Vehicle Performance Analyzer

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 Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Reset Password	Reset password through Gmail Reset password through Mobile number
FR-4	Feedback	The user can submit the feedback through a contact form on the website or through Gmail.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Used to compare different car models under different metrics according to user priority.
NFR-2	Security	The models compared by the users are secured and not disclosed to the manufacturers.
NFR-3	Reliability	Only present data is collected from reliable sources and the same is updated periodically.
NFR-4	Performance	Keeping vehicle, passenger safety and fuel choice as most weighted parameters and other parameters as comparatively less weighted, the performance of the vehicle is analyzed using ML.
NFR-5	Availability	The data required is collected from reliable sources and this data can be used to provide better results.
NFR-6	Scalability	High scalability. The model will help the customers to wisely choose the vehicle as per their feasibility and learn more about their vehicles.