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

Date	17 October 2022
Team ID	PNT2022TMID50368
Project Name	Project – 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 Form Registration through Gmail
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 in 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	The analyzer allows the user to improve performance based on the results provided. It is easy to use with just the data required.
NFR-2	Security	The security is improved by using vehicle alarm, wheel lock, vehicle lock and also GPS tracker.
NFR-3	Reliability	The reliability rating is good due to best performance, less frequency of problem occurrence and cost for repairing is low.

NFR-4	Performance	The vehicle is upgraded in their quality and infrastructure to provide better performance like good mileage, smooth travel.
NFR-5	Availability	The data required is collected by research persons and this data can be used to provide better results.
NFR-6	Scalability	Better scalability since our model analyses all information provides better refined solution. With less change to the vehicle, we could achieve maximum performance.