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

Date	18 October 2022
Team ID	PNT2022TMID46701
Project Name	Trip Based Modeling of Fuel Consumption in Model Fleet Vehicles Using Machine Learning
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 Registration through website
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Confirmation via verification code
FR-3	User Dashboard	Prevention of datas by analysis. Coman information Helping manual
FR-4	console	prediction in good accuracy
FR-5	Message Box	About the new arrival and some messages.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Give as an open source and with a good user interface and user friendly manner.
NFR-2	**Security**	Give a High Security provision through verification manner and high level security to user data.
NFR-3	**Reliability**	Give a helping manual about all types of data in an efficient manner.
NFR-4	**Performance**	Give good performance of accuracy through ML Algorithm.
NFR-5	**Availability**	Through the Play Store as an app and in a website manner.
NFR-6	**Scalability**	High efficiency is attained through good automobiles and electronics shops.