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

Date	03 October 2022
Team ID	PNT2022TMID34993
Project Name	Project - Trip Based Modelling of Fuel Consumption in Modern Fleet Vehicles Using Machine Learning
Maximum Marks	4 Marks

Functional Requirements:

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	Transaction Processing	Payment through online Payment through offline
FR-4	Authentication	Through Email Physical Verification
FR-5	Reporting	Through App Through Email Through SMS

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	24/7
NFR-2	**Security**	Access permission for the particular system Information may only be changed by the system's data administrator
NFR-3	**Reliability**	Automatic restart and operation recovery
NFR-4	**Performance**	The front-page load time must be no more than 2 seconds for users that access the website using an LTE mobile connection.
NFR-5	**Availability**	New module deployment mustn't impact front page, product pages, and check out pages availability and mustn't take longer than one hour. The rest of the pages that may experience problems must display a notification with a timer showing when the system is going to be up again.
NFR-6	**Scalability**	The website/app attendance limit must be scalable enough to support 200,000 users at a time.