

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

Date	11 October 2022
Team ID	PNT2022TMID38910
Project Name	Project - Trip based modelling of fuel consumption in modern fleet vehicles
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 LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Signup	Signup through register mail id Signup through password
FR-4	User Signout	Signout the register mail id
FR-5	User Forgot Password	Change password through mail id

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Automation is a significant future of fleet management software. Automator reminders and e-mail notifications enable customer to have a systematic plan for vehicle maintenance, repairs and timely fleet audits.
NFR-2	Security	As sustainability rises in social and commercial importance, fleet managers will need to integrate strategies to track and reduce emissions, monitor green performance, as well as managing the transition from traditional vehicle to the next generation.
NFR-3	Reliability	The fleet management software not only collects valuable data but also provides insights. With the help of information collected through GPS tracking system.
NFR-4	Performance	Fleet managers can access more insights than ever

		about how vehicles are performing and how well they're being used.
NFR-5	Availability	As business look to drive maximum value from the fleets, many are moving from a one-driver-one-vehicle model to embrace mobility-as-a-service.
NFR-6	Scalability	As the mobility market changes fast, fleet management systems will need to become increasingly agile to keep up with changes in technology, regulations and business model.