

Requirement Analysis

Team ID	PNT2022TMID35378
Project Name	Machine Learning Based Vehicle Performance Analyzer

Functional Requirements

FR No.	Functional Requirement (EPIC)	Sub Requirement (Story/ Sub-Task)
FR-1	User Registration	Registration of vehicle with the company Registration of vehicle with the consumer through website (or) application
FR-2	User Confirmation	Confirmation via Email/ OTP Confirmation via Vehicle ID
FR-3	External Interface	Provide user the access to view performance data when requested
FR-4	Provision of Vehicle Data to Vehicle Company	Provide data to the company for analysis
FR-5	Vehicle Performance Analysis Report	Provide the performance report of the vehicle to the consumer when requested

Non-Functional Requirements

NFR No.	Functional Requirement (EPIC)	Sub Requirement (Story/ Sub-Task)
NFR-1	Usability	Easy use for both the company and consumer
NFR-2	Security	Maintenance of Data Privacy
NFR-3	Reliability	Produce accurate predictions
NFR-4	Performance	Offer fast results on request
NFR-5	Availability	24x7 support to consumers