

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

Date	15 October 2022
Team ID	PNT2022TMID10856
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 Input	User Input have been inserted into the Webapp.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	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	<b>Reliability</b>	The reliability rating is good due to best performance, less frequency of problem occurrence and cost for repairing is low.
NFR-3	<b>Performance</b>	The vehicle is upgraded in their quality and infrastructure to provide better performance like good mileage, smooth travel due to good suspension and better engine performance.
NFR-4	<b>Availability</b>	The data required is collected by research persons and this data can be used to provide better results.
NFR-5	<b>Scalability</b>	Our project has better scalability since our model analyses all information provides better refined solution. With less change to the vehicle, we could achieve maximum performance.