

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

Date	31 October 2022
Team ID	PNT2022TMID50723
Project Name	Project – Car Resale Value Prediction
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	Data entry	Collect the data from the user and verify with the dataset.
FR-4	Analysing the data	Analyse the data. Verify the data is correct. Getting the result
FR-5	Machine learning algorithm	Regression algorithm, Random Forest, Artificial neural network.
FR-6	Phases	Training phase, Testing phase

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is used for those who have to buy the resale car, rental car.
NFR-2	Security	It is secured to use by all the customer. Encrypt the data to avoid security misconfiguration
NFR-3	Reliability	The prediction result should be reliable.
NFR-4	Performance	It compares with the dataset and verified it. Specify the condition and resale price.
NFR-5	Availability	It is available at all time.
NFR-6	Scalability	Memory utilization, CPU Usage