

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

Date	03 October 2022
Team ID	PNT2022TMID23957
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	User Vehicle details	Manufacturing years,model,Kms driven,fuel type, Registered number etc
FR-4	Value Prediction	Predicting the resale value of the registered car
FR-5	Security	Failed Logins & Bot access prevention

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User friendly interface
NFR-2	Security	Data and model security to prevent outside access and modification .
NFR-3	Reliability	Providing reliability by predicting the resale values of different types of cars .
NFR-4	Performance	Providing high performance by comparing various machine learning algorithms for prediction available for a diverse cars
NFR-5	Availability	Available for access across all platforms and for free of cost .
NFR-6	Scalability	Currently a small set of car details were used to train the model . More car details and a larger group of parameters will be included and used to train the model .