

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

Date	03October 2022
Team ID	PNT2022TMID50043
Project Name	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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data entry	Collect the data from the user
FR-4	Analysing the data	Analyse the data Getting the result
FR-5	Machine learning algorithm	Linear regression Logistic regression Random forest Artificial neural network
FR-6	Phases	Testing phase

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Car resale prediction through online Predicting the original value of car
NFR-2	Security	Encrypt the data Avoid security misconfigurations
NFR-3	Reliability	Result should
NFR-4	Performance	Compare the data with model,specification,condition with the result
NFR-5	Availability	It access at any time
NFR-6	Scalability	Memory utilization. CPU Usage Network input/output