

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

Date	03 October 2022
Team ID	PNT2022TMID43312
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	User can register through email with credentials such as Username, password, number.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Availability of Car model	The user can search and select the car from variety of car models available and can compare with other cars as per their wish.
FR-4	Condition of the car	Condition of the car such as usage, mileage, model etc are examined to predict the value of the car.
FR-5	Predicting the price	After looking into all the feature sets of the car, its resale value is predicted.
FR-6	Invoice	Once the price is finalized, user can make a payment and can get the invoice along with the documents.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User Interface of the application be environment friendly providing user good interaction.
NFR-2	Security	User details, car registrations and the site should be securely managed, and the users should be authenticated.
NFR-3	Reliability	Application should be reliable in terms of its information, operations.
NFR-4	Performance	Application should be able to provide a quick solution, based upon the condition of the car app has to value the car and generate a invoice to the customer based on their interest in the car.
NFR-5	Availability	The availability must be made ready for both web and mobile making it compatible with all the devices.
NFR-6	Scalability	Application must provide high scalability by handling large number of users and should be able to give them a response without any interrupts.