

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

Date	20 October 2022
Team ID	PNT2022TMID39347
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	Users Profile	Personal details, Bank account, Pink slip, Person who is interested to buy a used car.
FR-4	Gather information about the vehicle.	Collection of all vehicle classification through a website based on its class and model review given by car experts.
FR-5	Vehicle specification	The data elaborates the Functional features of cars which would be necessary to buy the used car. The constraints might be car model, mileage given, km driven, car interior and exterior and so on
FR-6	Feedback	The user will be prompted to fill the feedback form.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface is user friendly, and easily accessible, and applicable for the users of all metropolitan cities in India.
NFR-2	Security	Protect your password and account personal details. Aware about fraudulent sites, it gives a fake information about the vehicle.
NFR-3	Reliability	Application must perform good and without failure. The prediction model must integrate with the website and provide system work without faults.
NFR-4	Performance	Website performance measures how quickly the pages of a website load and display in the web

		browser. The landing page must support several users must provide 5 second or less response time
NFR-5	Availability	Website availability refers to the ability of the users to access and use a website or web service. A website's availability is typically communicated as a percentage for a given span of time.
NFR-6	Scalability	Application scalability is the ability of an application to handle a growing number of users and load, without compromising on performance and causing disruptions to user experience. To put it another way, scalability reflects the ability of the software to grow or change with the user's demands.