

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

Date	14 November 2022
Team ID	PNT2022TMID21127
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 directly on website Registration through Gmail Registration through Google
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Dashboard	User details Used and new cars details Buy and sell cars Latest updates in automobile industry Customer reviews
FR-4	Car Registration	The user can add the details like vehicle price, model name and number, vehicle model, vehicle brand and mileage
FR-5	Value Prediction	Predicting the car resale value
FR-6	Car Ordering	The user can order the cars by past and top predictions as well as reseller's history and background mentioned

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Smart and user-friendly interface with proper design that can be provide a better experience for the user.
NFR-2	Security	Make sure that the all user information should be safe and protected.
NFR-3	Reliability	Provides high reliability by predicting values for cars. The ML model, which is responsible for prediction, should be accurate enough to predict prices and the error rate should be as low as possible.
NFR-4	Performance	Provides high performance by using some machine learning algorithms.
NFR-5	Availability	The website should be available to users 24x7. Any issues or errors will be addressed within the next 24 hours.
NFR-6	Scalability	Providing high scalability in predicting values for the cars.