

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

Date	03November2022
Team ID	PNT2022TMID50724
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	Sign up and Login	Creation of an online account using username and password and used to gain access to an area requiring proper authorization.
FR-2	Data Collection	Gathering quantitative and qualitative information on specific variables.
FR-3	Data Preprocessing	Preparing of raw data and making it suitable for a machine learning model.
FR-4	Test set	Trained on the initial training data set.
FR-5	Evaluation	Different evaluation metrics to understand a ML model's performance.
FR-6	Prediction	Output of an algorithm after it has been trained on a historical dataset.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Ease of use and knows the details immediately.
NFR-2	Security	The application which protects the data efficiently over the web.
NFR-3	Reliability	The application can be used in a confidential manner.
NFR-4	Performance	The performance of the application is very affective.
NFR-5	Availability	Milage is available for the secondary car.
NFR-6	Scalability	This application is very scalable.