

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

Date	03October 2022
Team ID	PNT2022TMID05680
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 Input Entry	Enter the year of purchase, showroom price Enter the number of kilometres driven Enter the previous car owners, fuel type Enter the transmission type of the car
FR-2	Prediction Result	Prediction result to be shown in the UI based on the input data.
FR-3	Save the result	The results of the prediction to be saved in the form of pdf.
FR-4	Application Accessibility	Access the application from any device, any web browser and from anywhere
FR-5	User Interface	View all the elements of the application clearly without any disturbance.
FR-6	Maintenance	Contact the customer care if there occurs any issues.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The prediction and the display of the output must be done within 2 seconds
NFR-2	Security	The software must remain resilient in the face of attacks. The software must be available and behave reliably even under DOS attacks.
NFR-3	Reliability	Public can access the website 99% of the time without failure.
NFR-4	Performance	The website's load time should not be more than one second for users.
NFR-5	Recoverability	If a major incident happens on the website and, the business must take measures to go back to being fully operational within three days.
NFR-6	Security	No bots must access the website.