

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

Date	18 October 2022
Team ID	PNT2022TMID14437
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	<ul style="list-style-type: none">User must register by giving their username.Next the user must set a secure password satisfying the criteria.
FR-2	User Confirmation	Confirmation mail will be sent to the mail id which the user has given at the time of registration.
FR-3	User Verification	<ul style="list-style-type: none">After confirming the mail, OTP will be sent to the user's registered mobile number.The user must enter the same at the time of sign up.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Can be used by the users who are searching the best price for reselling their cars.
NFR-2	Security	All the users data will be completely secured and there will be no threats for user's privacy.
NFR-3	Reliability	Data is completely secured, also best prices for the cars can be predicted considering the users feelings.
NFR-4	Performance	Our model predicts using linear regression, which has the high success rate. Also huge datasets are used for testing and training the model. So the performance of our model will stand high.
NFR-5	Availability	Our model will be available for the users, who owns a car and is trying to resell it.
NFR-6	Scalability	Since our predictor considers multiple parameters before prediction, it can stand

		as a unique one which predicts the best price and hence it is a scalable one which can easily adapt.
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