

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

Date	03 October 2022
Team ID	PNT2022TMID52818
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	Buyer Registration	Can register via Email, Google, or Facebook Can upload their profile details Can upload their Car needs and requirements to get relevant seller recommendations
FR-2	Seller Registration	Can register via Email, Google, or Facebook Can upload their profile details Can upload their car details to get relevant buyer recommendations
FR-3	Buyer and Seller Verification	Confirmation using Email Confirmation using OTP
FR-4	Buyer Seller Interaction	Can be done using a chat box Sharing relevant details of the car to be bought AI-based Price recommendation
FR-5	Safe and Procedural Handoff	The payment method set up Clean and safe transfer of assets Document recreation and transfer to the Buyer
FR-6	Post Order Service	Can be contacted regarding queries Dedicated Customer Service

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Should be used over a wide platform Should have a simple and easy UI
NFR-2	<b>Security</b>	Should be Encoded to prevent thefts Password Protection methodology Cloud Encryption
NFR-3	<b>Reliability</b>	Proper Management of buyer's and user's fund Proper Handling of transactions Hassle-free transfer of assets
NFR-4	<b>Performance</b>	Easy and Fast selling of Used Cars Easy and Fast seller recommendations for a variety of buying options Accurate pricing of used cars

NFR-5	<b>Availability</b>	Easy Availability of used cars A significant number of sellers in a location Better and Dynamic Pricing
NFR-6	<b>Scalability</b>	Should be able to handle huge no. of users Should be geographically independent Native as well as non-native usability