

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

Date	14 October 2022
Team ID	PNT2022TMID18385
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 to the related websites	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User login	The system should allow user to login into the system using their username and password and it is used to allow change password .
FR-4	Predict information about the car	Through the registered websites they can collect information about the car
FR-5	To display the functionality of the car	Details: Fuel type , Manufactured year , miles, maintenance records etc..

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It will be user interactive web portal so everyone can access easily
NFR-2	Security	The system should provide username and password to prevent the system from unauthorized access. the subsystem should provide a high level of security and integrity of the data held by the system , only authorized person can access to the system so users with valid username and password can login to view users page
NFR-3	Reliability	The system must perform without any interruption
NFR-4	Performance	The system response time must not exceed more than a minimum of 10 seconds . the system should have high performance rate when executing users input and able to provide response within a short time
NFR-5	Availability	Uninterrupted service must be available at all the time

NFR-6	Scalability	The system take several parameter as a input and perform many computation in cost-effective and time-saving way. It can support lots of users in real time
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