

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

Date	03 October 2022
Team ID	PNT2022TMID43743
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	User Registration	Registration through New use portal Registration through gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Libraries & Modules	NumPy for scientific computing Pandas for using open-source data analysis Sklearn for using machine learning techniques
FR-4	Frameworks	Flask framework for building Web applications
FR-5	IDE	VS code Anaconda Navigator for using Machine learning related techniques

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Estimating the value at resale
NFR-2	Security	Offering the website with security policy
NFR-3	Reliability	Because it could estimate the worth of any type of car, it would be highly reliable.
NFR-4	Performance	Implementing a website with heavier performance, that does not lag on type pf input data
NFR-5	Availability	The website would be easily to anyone, since it is a website its accessible form any part of the world
NFR-6	Scalability	Scalability is high because of its efficiency

