

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

Date	03 October 2022
Team ID	PNT2022TMID11620
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	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	User Vehicle details	<ul style="list-style-type: none">• Vehicle Type• Year of manufacture• Fuel Type• Brand• Model• Gearbox (Auto/Manual)• Kilometre driven• Any Damage?
FR-4	Classification whether to buy the vehicle or not? (Optional)	Using the multiple existing features, loading it into an algorithm to find whether the vehicle is worth to buy or not?

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User interface (UI) is very much user-friendly and easy to use for a seamless flow of the process
NFR-2	Security	Must guard against SQL injection and other types of attacks that could lead to data theft.
NFR-3	Reliability	A trustworthy source where user information is encrypted and protected from attackers
NFR-4	Performance	The user interface needs to be fast and able to handle a significant quantity of network traffic.
NFR-5	Availability	The website must not crash because of network load and must always be accessible to users.
NFR-6	Scalability	The website must be able to withstand fluctuations in network traffic and resource usage and be error-free.