

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

Date	03 October 2022
Team ID	PNT2022TMID40163
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 Registration through LinkedIn Registration through car official Websites
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Modifiability	Services should be easily modified under the evolution of hardware capabilities.
FR-4	Testing	Components, API, UI testing etc., Tested Nonfunctional Testing
FR-5	Area of focus	Focuses on user requirement
FR-6	End Result	Product Feature

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Good cars are safe, fast, affordable to purchase, economical to operate, reliable, capacious, comfortable, and attractive.
NFR-2	<b>Security</b>	Study The Market Conditions Sort Out Paperwork Transfer The No Claim Bonus Get The Car Inspected Clean The Car Decide on The Sales Mode Create A Convincing Advertisement
NFR-3	<b>Reliability</b>	Examining data about motor vehicle performance and the frequency considered. Ratings show how well vehicles have held up and the odds that an owner could be inconvenienced by problems and repairs.

NFR-4	<b>Performance</b>	<p>Acceleration, top speed, cornering and braking. It is debated how much performance is required to move classification from standard to high performance.</p> <p>A more Powerful engine, superior speed, agility, and overall driving experience.</p>
NFR-5	<b>Availability</b>	<p>Frustrated Additional feature extreme.</p> <p>Most popular car features on car: Leather seats, SUN/MOON roof, Backup camera, Navigation System, Bluetooth, Remote start, Blind spot Monitoring.</p>
NFR-6	<b>Scalability</b>	<p>Learning and inspecting the car's condition would be important before you buy the used car.</p> <p>Car insurance premiums will usually increase with age of the car, and road tax for cars that are older than 10 years will be more costly.</p>