

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

Date	15 October 2022
Team ID	PNT2022TMID31751
Project Name	Project – car resale value prediction
Maximum Marks	4 Marks

**Functional Requirements:**

The functional requirements for the suggested solution are listed below.

FR No.	Functional Requirement	Sub Requirement
FR-1	User Registration	Using a Form to Register using Gmail to sign up using LinkedIN to sign up
FR-2	User Confirmation	Email confirmation required Confirmation via OTP
FR-3	User Profile	User Details
FR-4	Database	Car Database Customer Database
FR-5	Features and technology	Performance of the car , fuel capacity , mileage etc.,
FR-6	Feedback	Feedback through Form Feedback through Gmail Feedback through LinkedIN

### Non-functional Requirements:

The non-functional requirements for the suggested solution are listed below.

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	Excellent user interface, Precise value prediction
NFR-2	<b>Security</b>	Securing user passwords and personal information
NFR-3	<b>Reliability</b>	Failure occurs less frequently and is failure free.
NFR-4	<b>Performance</b>	execute accurate prediction value, The landing page must accommodate multiple users and have a response time of no more than five seconds.
NFR-5	<b>Availability</b>	Services must always be available without interruption, with the exception of when servers are being updated.
NFR-6	<b>Scalability</b>	It can instantaneously serve millions of users located all over the world and manage any amount of data and computations in a time- and money- saving manner.