

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

|               |                             |
|---------------|-----------------------------|
| Date          | 03 October 2022             |
| Team ID       | PNT2022TMID05518            |
| 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 Form Registration through Gmail |
| FR-2   | User Confirmation             | Confirmation via Email                               |
| FR-3   | User Login                    | Login using username and password                    |
| FR-4   | Data                          | Fill the required data                               |
| FR-5   | Prediction                    | Predict the price of the car                         |
| FR-6   | Result                        | Provide the result                                   |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description  |
|--------|----------------------------|--|
| NFR-1  | <b>Usability</b>           | Used to predict the actual price of a car  |
| NFR-2  | <b>Security</b>            | Each user can set their own password. Only with the valid credentials can login into account |
| NFR-3  | <b>Reliability</b>         | Prediction of accurate car's resale value  |
| NFR-4  | <b>Performance</b>         | Predict the output in an efficient manner  |
| NFR-5  | <b>Availability</b>        | It can be accessed by anyone at any time at anywhere   |
| NFR-6  | <b>Scalability</b>         | Multiple users can use the portal at the same time   |