

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

|               |                             |
|---------------|-----------------------------|
| Date          | 03 October 2022             |
| Team ID       | PNT2022TMID23912            |
| 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   | Car Registration              | Registration through Website         |
| FR-2   | Car Value Prediction          | Predicting the car resale value      |
| FR-3   | Suggesting Buyers             | Suggesting the buyer through website |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description                                                         |
|--------|----------------------------|---------------------------------------------------------------------|
| NFR-1  | <b>Usability</b>           | Predicting the car's resale value                                   |
| NFR-2  | <b>Security</b>            | Providing base level security for website                           |
| NFR-3  | <b>Reliability</b>         | Providing accurate resale value which is reliable                   |
| NFR-4  | <b>Performance</b>         | Enhancing performance by using efficient machine learning algorithm |
| NFR-5  | <b>Availability</b>        | Available anytime                                                   |
| NFR-6  | <b>Scalability</b>         | Can handle many users at a time                                     |