**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID42430 |
| Project Name | Car resale value prediction |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User’s vehicle detail | Manufacturing year, model, kms driven, fuel type, registration number etc. |
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**Non-functional Requirements:**

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

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Simple and a friendly UI that makes a seamless interaction with user |
| NFR-2 | **Security** | Must be a secure from SQL injection and protect from other attackers from stealing data. |
| NFR-3 | **Reliability** | A reliable source where the user details are encrypted and secured from attackers |
| NFR-4 | **Performance** | The user interface must be able to hold a reasonable amount of network traffic and have a high  performance speed |
| NFR-5 | **Availability** | The webpage must not crash due to network traffic and must be available for user at anytime |
| NFR-6 | **Scalability** | It must be capable of moving from a smaller to a larger OS and take full advantage of the larger OS and the large number of user that could be handled |