**Project Design Phase-II**

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

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| Date | 01 November 2022 |
| Team ID | PNT2022TMID18231 |
| Project Name | Project - Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies |
| 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 phone number |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User dashboard | Single Sample Prediction  Multiple Sample Prediction  View User History |

**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** | To predict the cost for the exact damaged parts of the vehicle. |
| NFR-2 | **Security** | It is secure to claim the insurance from the company with efficiency. |
| NFR-3 | **Reliability** | It can detect the damage from all parts of the vehicle. |
| NFR-4 | **Performance** | Detect the damages of any kind of vehicle, It may be minor or major damage. |
| NFR-5 | **Availability** | It is accessible for both insurance company and vehicle owner to estimate the cost of damage. |
| NFR-6 | **Scalability** | To measure the accurate cost for the damage of vehicle. |