| Date | 08/11/2022 |
|------|------------|
| Team ID | PNT2022TMID50184 |
| Project Name | Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

- Following are the functional requirements of theproposed solution.

| FR No. | Functional Requirement(Epic) | Sub Requirement (Story / Sub-Task) |
|--------|------------------------------|-------------------------------------|
| FR-1 | User Registration | • Registration through Form<br>• Registration through Gmail<br>• Registration through LinkedIn |
| FR-2 | User Confirmation | • Confirmation via Email<br>• Confirmation via OTP |

| FR-3 | User Interface | • User friendly and simple website |
|------|----------------|-------------------------------------|
| FR-4 | Collect the datasets | •<br><br>Collect the data from the user sideand their vehicle side |

| FR No. | | Description |
|---|---|---|
| | | information.<br>• Collect the data from about Insurance companies plans. |
| FR-5 | Final Results | •<br><br>Model should be trained with highaccuracy.<br>• Results obtained from the model should be displayed to The user with easy interpretability. |

**Non-functional Requirements:**

Following are the non-functional requirements of theproposed solution.

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | • Intelligent model used to assessment the damage in the vehicle and estimate the cost to be provided by the insurance company. |
| NFR-2 | **Security** | • The credibility of the user and the confidentiality of user details about their vehicle must be maintained. |
| NFR-3 | **Reliability** | • This scheme can achieve |

| | | good accuracy in damage estimation and cost estimation, thus providing accurate and unbiased insurance coverage to the user. |
|---|---|---|
| NFR-4 | **Performance** | • Real-time images are to be captured and uploaded to the website, where the proposed model performs damage assessment and gives the insurance cost accordingly. |
| NFR-5 | **Availability** | • The website should be compatible with web browsers on both mobile phones and computers. |