Project Design Phase-Il

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| DATE | 03 OCTOBER 2022 |
| TEAM ID | PNT2022TMID52096 |
| PROJECT NAME | INTELLIGENT VEHICLE DAMAGE ASSESSEMENT 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-I | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIBI |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Interface | User friendly and simple website |
| FR-4 | Collect the datasets | Collect the data from the user side and their vehicle side information.  Collect the data from about Insurance companies plans. |
| FR-5 | Final Results | Model should be trained with high accuracy.  Results obtained from the model should be displayed to  The user with easy interpretability. |

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Non-functional Requirements:

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

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| FRN0. | Non-Functional Requirement | Description |
| NFR-I | 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. |
| NFR-6 | Scalability | The proposed solution will be scalable in the future due to efficient and rapid analysis and accurate cost estimation |