**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 8 november 2022 |
| Team ID | PNT2022TMID50946 |
| Project Name | Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies. |
| 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 | **User Registration** | Registration through Form Registration through Gmail |
| FR-2 | **User Confirmation** | Confirmation via Email Confirmation via OTP |
| FR-3 | **User details** | Users are required to register their personal details. like name, age, date of birth, driving license, car number etc. |
| FR-4 | **User requirements** | The user simply inputs vehicle damage images. The software will instantly generate an accurate reading of the based on the image detection analysis in a readable format familiar to the customer. It compares the information  already given and states the defect percentage and cost in that vehicle damage image . |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | More efficient for the frequent users. users can easily understand what the application does and feel satisfied with the system. |
| NFR-2 | **Security** | * AI powered vehicle damage assessment and cost estimator for insurance company should contain more security in which our data which entered or maintained should be more security. * With the help of the username and password it provides more security in which it can access more   securable and the data are private |
| NFR-3 | **Reliability** | This application must perform without failure in 90 percentage of use cases during a month. It is morereliable. |
| NFR-4 | **Performance** | This application supporting 1,050 users per hour must provide 5 seconds or less response time in a desktop browser, including the rendering of text and images, over an LTE connection. The performance of this application is effective and efficient. |
| NFR-5 | **Availability** | The web dashboard must be available to user’s 99.9 percent of the time every month during business hours EST. Users can access any time and any where. |