**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID00684 |
| Project Name | Project - Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Company |
| 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 Website |
| FR-2 | User Confirmation | Confirmation via Message (Verification message is sent to user whenever he/she registers for the first time on software system) |
| FR-3 | Upload Images | Validates that the image is car. |
| FR-4 | Upload Documents | Validates the owner of the vehicle |
| FR-5 | Analyse Damage | The system analysis the damage through the images uploaded. |
| FR-6 | Estimate Cost | By analysing the damage the cost is detected according to the level of damage. |

**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 | It is easy to use and the whole process is completed within few minutes. |
| NFR-2 | Security | The system is well protected. The documents uploaded by the user are not seen by third-party. |
| NFR-3 | Reliability | The user can use the system anytime. It works on 24/7/365 |
| NFR-4 | Performance | The system respond within few minutes to the user, the entire process can be completed quickly. |
| NFR-5 | Availability | The system is available anytime anywhere (24/7/365). |
| NFR-6 | Scalability | The application can handle an increase in workload without spoiling performance. It can enlarge the architecture to accommodate more users. |