Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	19 October 2022
Team ID	PNT2022TMID16221
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 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 .
FR-4	User details	Users are required to register their personal details. like name, age, date of birth, driving license, car number etc.

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 percent of use cases during a month.it is more reliable.
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. |
| NFR-6 | **Scalability** | Our artificial intelligence (AI) has the capacity to operate at the scale, speed, and complexity required for the aim. Our model's accuracy will improve with more testing and training using real-time data |