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

Team ID	PNT2022TMID31631
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 image detection analysis in a readable formatfamiliar 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.

NFR 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**	The application must be scalable enough to support 10,000 visits at the same time while maintaining optimal performance and efficient to retrieve image in large scale thus improving scalability.