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

Date	17 October 2022
Team ID	PNT2022TMID50948
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 details. likename, 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 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**	The website will be straightforward manner and easy to understand for the user. It should be more efficient for regular customers.
NFR-2	**Security**	• AI-powered vehicle damage assessment and cost estimator for the insurance companies should contain more security in which our data whichentered or maintained should be more secure. • 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 website must perform without failure in 90 percent of use cases during a month. It is more reliable.
NFR-4	**Performance**	• This website handles n number of users at a time and gives a quick response to a desktop browser. • The website performance is more effective and efficient.
NFR-5	**Availability**	The web dashboard must be available to users 99 percent of the time with LTE connections. Users can access it anytime from anywhere.
NFR-6	**Scalability**	The website must be scalable enough to support 10,000 visits simultaneously while maintaining optimal performance and efficiently retrieving images on a large scale, thus improving scalability.