

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

Date	12 October 2022
Team ID	PNT2022TMID35710
Project Name	Project - 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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Interface	Login System Dashboard Uploading Image Image review and analyze the results.
FR-4	Collection of datasets	Information about the user and their vehicle. Information about Insurance plans.
FR-5	Results	The model must be structured with high accuracy. The results obtained from the model will be displayed for the user to understand easily.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Intelligent model for damage assessment in vehicle and cost estimate provided by the insurance company.
NFR-2	Security	The authenticity of the user and the confidentiality of the user's details relating to his vehicle must be preserved.
NFR-3	Reliability	This project will help the user to claim the insurance cost based on vehicle damage. It gives the exact value to the user. This helps the user to get the correct cost without any failure.
NFR-4	Performance	Abide images should be captured and uploaded to a website where the proposed model will perform a

		damage assessment and quote the appropriate insurance costs.
NFR-5	Availability	The webpage must be compatible with web browsers on mobile phones and computers.
NFR-6	Scalability	The proposed solution will be scalable in the future due to more efficient and faster analysis and accurate cost forecasting.