

INTELLIGENT VEHICLE DAMAGE ASSESSMENT AND COST ESTIMATOR FOR INSURANCE COMPANIES

Solution Requirements (Functional & Non-functional)

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 Interface	Login System,Dashboard,Uploading 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 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 needs to achieve good accuracy in damage assessment as well as cost estimation so that users receive an accurate and unbiased amount of insurance.
NFR-4	Performance	Abide images should be captured and uploaded to a website where the proposed model will perform a Damage assessment and quote appropriate cost
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.