

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

Date	03 October 2022
Team ID	PNT2022TMID25422
Project Name	<b>Project - Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies</b>
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	User friendly and simple website
FR-4	Collection of datasets	Information about the user and their vehicle. Information about Insurance plans.
FR-5	Results	Model should be trained with high accuracy. Results obtained from the model should be displayed to the user with easy interpretability.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Intelligent model to assess the damage in the vehicle and estimate the cost to be provided by the insurance company.
NFR-2	<b>Security</b>	The authenticity of the user and the confidentiality of the user details about their vehicle should be maintained.
NFR-3	<b>Reliability</b>	This project should be able to achieve good accuracy in damaging assessment as well in cost estimation so that the user is provided with the accurate and unbiased insurance amount.
NFR-4	<b>Performance</b>	The real time images should be captured and uploaded into the website where the proposed model will carry out the damage assessment and give the cost of insurance accordingly.
NFR-5	<b>Availability</b>	The webpage should be compatible for the web browsers in both mobile phones and computers.
NFR-6	<b>Scalability</b>	The proposed solution will be scalable in future because of the efficient and quicker analysis and exact cost prediction