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

Date	13 October 2022
Team ID	PNT2022TMID24296
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	4 Marks

FUNCTIONAL REQUIREMENTS:

FR No	Non-Functional Requirement	Description
NFR-1	Usability	The model should be intelligent one to assess the damage in the vehicle and estimate the cost to be provided by the insurance company
NFR-2	Security	The authenticity of the user and the confidentiality of the user details about their vehicle should be maintained
NFR-3	Reliability	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.

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 Registration through Facebook
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. Also, we need to display necessary information to users in detail.

Non-functional Requirements:

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

NFR-4	Performance	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	Availability	The webpage should be compatible for the web browsers in both mobile phones and computers.
NFR-6	Scalability	The proposed solution will be scalable in future because of the efficient and quicker analysis and exact cost prediction for damage in vehicles