

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

Date	03 October 2022
Team ID	PNT2022TMID39457
Project Name	Intelligent vehicle damage assessment and 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	Focus	Focus on user requirements
FR-4	Documentation	Captured in use case
FR-5	Origin type	Usually defined by user
FR-6	Objective	Describe what the product does

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	How effectively users can learn, use, or control the solution/system. Examples: How easy is it to learn and use? Is it intuitive enough to use without training or resorting to documentation? Does it support accessibility standards (e.g, section 508?)
NFR-2	<b>Security</b>	A system's ability to prohibit unauthorized access, usage, or behavior modification While providing service to authorized users
NFR-3	<b>Reliability</b>	Specifies the probability of the software performing without failure for a specific number of uses or amount of time
NFR-4	<b>Performance</b>	The speed, Capacity, and Reliability of the system

NFR-5	<b>Availability</b>	How long a system is available for users. This is time the system is not down due to outages or maintenance activities. Mean Time Between Failure (MTBP) is one metric that helps us characterize system availability
NFR-6	<b>Scalability</b>	The ability of a solution or system to increase its capacity to serve clients and/or increase processing rates to match demand