**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

Date

12 October 2022

Team ID

Project Name

PNT2022TMID42403

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

Confirmation via Email

Confirmation via OTP

Login System,Dashboard,Uploading Image,Review and

Analyze the results.

FR-2

FR-3

User Confirmation

User Interface

FR-4

FR-5

Collection of datasets

Results

Information about the user and their vehicle.

Information about Insurance plans.

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**

**Usability**

**Description**

NFR-1

Intelligent model for damage assessment in vehicle

and cost estimate provided by insurance company.

NFR-2

NFR-3

**Security**

The authenticity of the user and the confidentiality

of the user's details relating to his vehicle must be

preserved.

**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

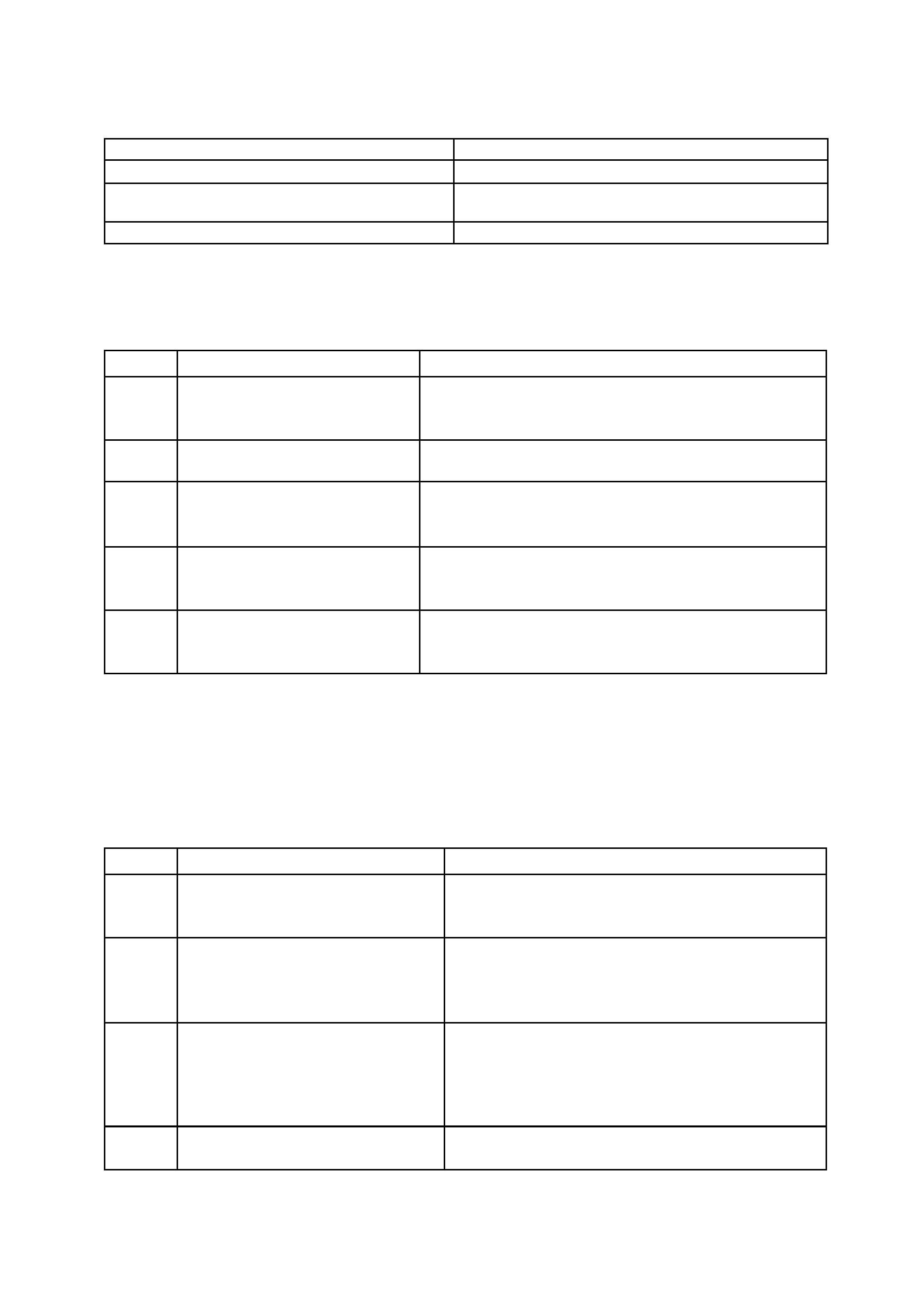
of insurance.

NFR-4

**Performance**

Abide images should be captured and uploaded to a

website where the proposed model will perform a



damage assessment and quote the appropriate

insurance costs.

NFR-5

NFR-6

**Availability**

**Scalability**

The webpage must be compatible with web

browsers on mobile phones and computers.

The proposed solution will be scalable in the future

due to more efficient and faster analysis and

accurate cost forecasting.

