Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	22 May 2023
Team ID	NM2023TMID19411
Project Name	Project-AI ENABLED CAR PARKING USING OPEN CV

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 Authorization	Verification of the User Verification by Multiple OTP
FR-4	User Interfaces	Progression for the Payment Progressed through Application
FR-5	User Transactions	Completion of the Payment
FR-6	User Reporting	Reporting issue of the Product

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It defines how difficult it will be for a user to learn and operate the system.
NFR-2	Security	Security requirements ensure that the software is protected from unauthorized access to the system and its stored data.

NFR-3	**Reliability**	Reliability defines how likely it is for the software to work without failure for a given period.
NFR-4	**Performance**	Performance is a quality attribute that describes the responsiveness of the system to various user interactions with it.
NFR-5	**Availability**	Availability is gauged by the period that the system's functionality and services are available for with all operations.
NFR-6	**Scalability**	Scalability requirements describe how the system must grow without negative influence on its performance.