Project Design Phase-II

Functional Requirements (Functional and Non-functional)

Date	7 November 2022
Team ID	PNT2022TMID12305
Project Name	Signs With Smart Connectivity for Better Road Safety
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 Requirements**	Static signboards will be replaced with smart linked signboards that meet all criteria.
FR-2	**User Registration**	Manual Registration Through a Website or Gmail
FR-3	**User Confirmation**	Phone Confirmation Email confirmation OTP authentication
FR-4	**Payments options**	Bank Transfer
FR-5	**Product Delivery and installation**	The installation fee will be determined by the length ofthe road.
FR-6	**Product Feedback**	Through a websitevia Gmail

Non-Functional Requirements:

Following is the Non-Functional Requirements of the proposed solution

FR No.	Non-Functional Requirements	Description
NFR-1	**Usability**	It should be able to Upgrade and Update when there is a need for it.
NFR-2	**Security**	It should have good security system so that no other person can hack and display their own directions.
NFR-3	**Reliability**	It should be able to display to information correctly and error-free.
NFR-4	**Performance**	It should be able to automatically update itself when certain weather or traffic problem occurs.
NFR-5	**Availability**	It should be available 24/7 so that it can be beneficial to the customer i.e., the driver.
NFR-6	**Scalability**	It should be able to easily change and upgrade according to change and need in requirement.