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

DATE :	19 SEPTEMBER 2022
TEAM ID :	PNT2022TMID26590
PROJECT NAME :	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
MAXIMUM MARK :	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 sign boards 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 of the road.
FR-6	Product Feedback	Through a website via Gmail

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Have clear product instructions and a self-explanatory product that is simple to use.
NFR-2	**Security**	Cloud data must be contained within the network, collapsing to be Real-time avoidance should be avoided, and the board should be constantly monitored.
NFR-3	**Reliability**	Hardware is frequently tested.
NFR-4	**Performance**	The smart board must provide a better user experience and deliver accuracy output.
NFR-5	**Availability**	All of the functions that the user demands will be provided, depending on the needs of the consumer.
NFR-6	**Scalability**	The product is based on road safety and should cover the entire highway system.