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

Date	13 October 2022
Team ID	PNT2022TMID08723
Project Name	Signs With Smart Connectivity for Better Road Safety

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	The static signboards to be replaced with the smart connected sign boards with all requirements.
FR-2	User Registration	Manual Registration Registration through webpage or Gmail
FR-3	User Confirmation	Confirmation via Phone Confirmation via Email Confirmation via OTP
FR-4	Payments options	Bank Transaction
FR-5	Product Delivery and installation	Installation charge will be applied depending on the road length.
FR-6	Product Feedback	Through Webpage Through 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 instructions about the product and self - explanatory product and easy to use.
NFR-2	**Security**	Cloud data has to be within the network, collapsing to be avoided in real time and the board should be under surveillance always.
NFR-3	**Reliability**	Frequently checks hardware.
NFR-4	**Performance**	The smart board must have better user experience and the precision output should generated.
NFR-5	**Availability**	All the features will be available what user requires it depends on the need of customer.
NFR-6	**Scalability**	The product is based on road safety and should be cover all the area of highways.