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

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Date	11 October 2022
Team ID	PNT2022TMID11013
Project Name	Project – Signs with Smart Connectivity for The 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 signalboards will be replaced with smart linked sign boards that meet all criteria
FR-2	**User Registration**	Registration through webpage Registration through Gmail
FR-3	**User Confirmation**	Confirmation via Phone Confirmation via Email Confirmation via OTP
FR-4	**Payment Options**	Cash on Delivery Net Banking/UPI Credit/Debit/ATM Card
FR-5	**Product Delivery and Installation**	The installation fee will determined by the road length
FR-6	**Product Feedback**	Through Gmail Through Messages

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Have a clear and self-explanatory manual. Easier to use It is user friendly and it can be used by anyone
NFR-2	**Security**	The network must contain cloud data, condensing it to be Avoid real-time avoidance, and keep an eye on the board at all times.
NFR-3	**Reliability**	Hardware requires a regular checking and service Software may be updated periodically Immediate alert is provided in case of any system failure
NFR-4	**Performance**	The application must have a good user interface It gives us the precise output ,it gives us the correct speed limitation in the correct weather time
NFR-5	**Availability**	All the features will be available when the user requires. It depends on the need of the customer and the customization the user has done.
NFR-6	**Scalability**	The product is based on road safety and should be cover all the area of highways