

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	08 October 2022
Team ID	PNT2022TMID41909
Project Name	Signs with Smart Connectivity for Better Road Safety
Maximum Marks	2 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 Visibility	Sign Board will have clear and interactive UI so that it will be clearly visible to all the users.
FR-2	User Registration	The User Registration can be done through a Website or Gmail
FR-3	User Confirmation	User can confirm with phone User can confirm with Email User can confirm with OTP
FR-4	User Requirements	The Static signboards will be replaced with smart linked sign boards that meet all criteria.
FR-5	Payment options	Bank Transfers

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Will provide the clear product instructions And a self-explanatory product which is simple to use
NFR-2	Security	Cloud data must be contained within the network, collapsing to be the real-time avoid an be avoided ,and the board will be monitored constantly
NFR-3	Reliability	The hardware will be frequently tested
NFR-4	Performance	<ul style="list-style-type: none">• The smart board must provide a better user experience and deliver the accuracy output.• Focus on the speed ,efficiency and work load
NFR-5	Availability	All of the functions and the user demands will be provided, depend upon the customer needs
NFR-6	Scalability	Extending the functionality and features of the system on the regular basis based on traffic density