

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

Date	11 October 2022
Team ID	PNT2022TMID11019
Project Name	Industry-Specific Intelligent Fire Management System
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 by smart linked sign boards that meet all standards.
FR-2	User Registration	Manual Sign-Up using a Website, Gmail or Phone
FR-3	User Confirmation	Telephone confirmation Conformation Authentication through email and OTP
FR-4	Payments options	Bank Transfer
FR-5	Product Delivery and installation	The location will influence the installation cost.
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	Product instructions should be straightforward, and the product should speak for itself.
NFR-2	Security	Condensed cloud data must be present on the network. Maintain constant focus on the board and avoid real-time avoidance.
NFR-3	Reliability	Hardware components are routinely examined..
NFR-4	Performance	The smart board's user experience must be improved, and the output must be accurate.
NFR-5	Availability	Based on the user's needs, all relevant functionality will be offered.
NFR-6	Scalability	The product is based on Fire alarm signals and should cover the entire Placed system.