

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

Date	03 October 2022
Team ID	PNT2022TMID12767
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 Registration	Registration through Form Registration through Mobile Number
FR-2	User Confirmation	Confirmation via Message Confirmation via Call
FR-3	User Login	Login through site or app using respective username and password
FR-4	User Upload	Client ought to be able to upload the information
FR-5	Fire Detection Monitoring	The sensors located will monitor the industry 24/7 and keeps updating the end user.
FR-6	Location Notification	Location of fire will be sent to the fire department through alarm or message

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is simple and economic Easy to use
NFR-2	Security	Software remains secured in the face of attacks
NFR-3	Reliability	Response timer will be faster It has high Reliability The application runs accurately
NFR-4	Performance	If Fire detected it will be immediately notified through the web application ,and it also maintain track periodically.
NFR-5	Availability	Availability of the systems for institutions ,restaurants and other public places.
NFR-6	Scalability	It accommodates easy modification for various requirements