

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

Date	04 October 2022
Team ID	PNT2022TMID12796
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 via form Registration via mobile phone number
FR-2	User Confirmation	Confirm by message Confirm by phone
FR-3	User Login	Log in through the website or app with your respective username and password.
FR-4	User Upload	Customers should be able to upload information
FR-5	Fire Detection Monitoring	Sensors monitor the industry 24/7 and the provides information to end users.
FR-6	Location Notification	The location of the fire is sent to the fire brigade in an 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	Easy to use and economical Easy
NFR-2	Security	Protect your software from attacks
NFR-3	Reliability	Fast response timer. Highly reliable. Application is running correctly
NFR-4	Performance	If a fire is detected, you will be notified immediately through the web application and tracking will also be done regularly.
NFR-5	Availability	Availability of the system in institutions , restaurants and other public places.
NFR-6	Scalability	It can be easily modified to suit different needs.