

INDUSTRY – SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

Project Design Phase – 2

Functional Requirements (Functional & Non – Functional)

Team ID	PNT2022TMID54033
Project Name	Industry – Specific Intelligent Fire Management System

FUNCTIONAL REQUIREMENTS:

Following are the functional requirements for the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none">• Registration through Form• Registration through mobile number
FR-2	User Confirmation	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• It is the simple and Economic• Easy to use
NFR-2	Security	<ul style="list-style-type: none">• The software remains resilient in the face of attacks.• The Web application is highly secured.

NFR-3	Reliability	<ul style="list-style-type: none"> • 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	We will be Monitoring the Industry by day and Night (24/7). In case of Fire detected we willbe intimating the management rapidly.