

# INDUSTRY – SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

## Project Design Phase – 2

### Functional Requirements (Functional & Non – Functional)

Team ID	PNT2022TMID17642
Project Name	Industry – Specific Intelligent Fire Management System

#### FUNCTIONAL REQUIREMENTS:

Following are the functional requirements for the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	User Registration	<ul style="list-style-type: none"><li>• Registration through Form</li><li>• Registration through mobile number</li></ul>
FR-2	User Confirmation	<ul style="list-style-type: none"><li>• Confirmation via message</li><li>• Confirmation via call</li></ul>
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.

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	Usability	<ul style="list-style-type: none"><li>• It is the simple and Economic</li><li>• Easy to use</li></ul>
NFR-2	Security	<ul style="list-style-type: none"><li>• The software remains resilient in the face of attacks.</li><li>• The Web application is highly secured.</li></ul>

NFR-3	Reliability	<ul style="list-style-type: none"> <li>• Response timer will be faster</li> <li>• It has high Reliability.</li> <li>• The application runs accurately.</li> </ul>
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.