

## Project Design Phase-II

### Functional Requirements (Functional & Non-functional)

Team ID	PNT2022TMID07789
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"><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.

FR No.	Non-Functional Requirement	Description
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 day and Night (24/7). In case of Fire detected we will be intimating the management rapidly.