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

| Team ID | PNT2022TMID12350 |
|---|---|
| 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 | • Registration through Form<br>• Registration through mobile number |
| FR-2 | User Confirmation | • Confirmation via message<br>• 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 the simple and Economic<br>• Easy to use |
| NFR-2 | Security | • The software remains resilient in the face of attacks.<br>• The Web application is highly secured. |
| NFR-3 | Reliability | • Response timer will be faster<br>• It has high Reliability.<br>• 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 day and Night (24/7). In case of Fire detected we will be intimating the management rapidly. |