**Project Design Phase-II**

**Functional Requirement (Functional & Non-functional)**

Team ID

PNT2022TMID41386

Project Name

Industry-Specific Intelligent & Fire Management System

**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 through website or application

Registration through Social medias

Registration through LinkedIN

FR-2

User Confirmation

Verification via Email or

OTP

FR-3

User Login

Login through website or App using the respective

username and password

FR-4

User Access

Access the app requirements

FR-5

User Upload

User should be able to upload the data

FR-6

User Solution

Data report should be generated and delivered to

user for every 24 hours

FR-7

User Data Sync

API interface to increase to invoice system

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

**FR No. Non-Functional Requirement**

**Description**

NFR-1

**Usability**

Usability requirements includes language barriers

and localization tasks. Usability can be assessed by

Efficiency of use.

NFR-2

**Security**

Access permissions for the particular system

information may only be changed by the system’s

data administrator.

NFR-3

**Reliability**

The database update process must roll back all

related updates when any update fails.

NFR-4

**Performance**

The front-page load time must be no more than 2

seconds for users that access the website using an

VoLTE mobile connection.

NFR-5

**Availability**

New module deployment must not impact front page,

product pages, and check out pages availability and

mustn’t take longer than one hour. NFR-6

**Scalability**

We can increase scalability by adding memory,

servers, or disk space. On the other hand, we can

compress data, use optimizing algorithms.