

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

Date	16 OCTOBER 2022
Team ID	PNT2022TMID15161
Project Name	Industry-Specific Intelligent Fire Management System
Maximum marks	4 marks

**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	<b>Usability</b>	Usability requirements includes language barriers and localization tasks. Usability can be assessed by Efficiency of use.
NFR-2	<b>Security</b>	Access permissions for the particular system information may only be changed by the system's data administrator.
NFR-3	<b>Reliability</b>	The database update process must roll back all related updates when any update fails.
NFR-4	<b>Performance</b>	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	<b>Availability</b>	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	<b>Scalability</b>	We can increase scalability by adding memory, servers, or disk space. On the other hand, we can compress data, use optimizing algorithms.