

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

Project Name	Industry-specific intelligent fire management system
Team ID	PNT2022TMID50107
Date	14-11-2022
Mark	4

Functional Requirements:

FR No.	Functional Requirement	Sub Requirement
1	User Registration	Registration through website or application Registration through Social medias Registration through LinkedIN
2	User Confirmation	Verification via Email or OTP
3	User Login	Login through website or App using the respective username and password
4	User Access	Access the app requirements
5	User Upload	User should be able to upload the data
6	User Solution	Data report should be generated and delivered to user for every 24 hours
7	User Data Sync	API interface to increase to invoice system

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
1	Usability	Usability requirements includes language barriers and localization tasks. Usability can be assessed by Efficiency of use.
2	Security	Access permissions for the particular system information may only be changed by the system's data administrator.

3	Reliability	The database update process must roll back all related updates when any update fails
4	Performance	The front-page load time must be no more than 2 seconds for users that access the website.
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.
6	Scalability	We can increase scalability by adding memory, servers, or disk space. On the other hand, we can compress data, use optimizing algorithms