

Project Design Phase-II

Solution Requirements(Functional & Non-Functional)

Date	16 October 2022
Team ID	PNT2022TMID11775
Project Name	Industry-Specific Fire Management System
Batch Id	B10-4A6E
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

S.No	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1	User Registration	Registration through website or applicationRegistration through Social medias Registration through LinkedIN
2	User Confirmation	Verification via Email or OTP
3	User Login	Login through website or App using the respectiveusername 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:

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

S.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 allrelated updates when any update fails.
4	Performance	The front-page load time must be no more than 4 seconds for users that access the website using an VoLTE mobile connection.
5	Availability	New module deployment must not impact front page, product pages, and check out pages availabilityand 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 cancompress data, use optimizing algorithms.