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

Date	22 OCTOBER 2022
Team ID	PNT2022TMID04749
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	**LOW VISION:** ● I want to be able to enlarge the text on the screen because I have flow vision and have difficulty reading. ● Sign up with Gmail
FR-2	User Confirmation	**USER WHO IS HEARING IMPAIRED**: ● I need to enable video captioning to comprehend what is being said in videos. ● Email confirmation required
FR-3	User Login	Utilize the appropriate login and password to log in to the website or mobile application.
FR-4	User Access	Checks out the app's prerequisites
FR-5	User Upload	Data uploading by the user is necessary.
FR-6	User Solution	Every 24 hours, a data report should be created and provided to the user.
FR-7	User Data Sync	Enhancing the invoicing system using an API interface

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	- Usability requirements include language barriers and localization tasks. - Visual and audio signalization - Protect your property
NFR-2	**Security**	Access permissions for the particular system information may only be changed by the system's data administrator.
NFR-3	**Reliability**	When any update fails, the database update procedure must roll back any linked updates.
NFR-4	**Performance**	Find a fire. Inform the inhabitants of the fire situation. Turn on the safety control functions. Notify your local fire station.
NFR-5	**Availability**	- Wireless Alarm Systems. - Wired Alarm Systems. - Monitored Alarm Systems. - Unmonitored Alarm Systems
NFR-6	**Scalability**	- In comparison to traditional systems, addressable systems provide a tremendous level of flexibility. - While the number of devices that any system can support is determined by the manufacturer of the alarm panels, every type of device added to a traditional system necessitates the creation of a new circuit.