Project Design Phase-II
Solution Requirements
(Functional and Non Functional requirements)

Date	19 October 2022
Team ID	PNT2022TMID19483
Project Name	Industry-Specific Intelligent Fire Management System
Maximum marks	4 marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through website or application registration through Social media registration through Linked IN.
FR-2	User Confirmation	Verification via Email or OTP.
FR-3	User Login	Login through website or App using the respective username and passwords
FR-4	User Access	Access the app requirements easily
FR-5	User Upload	User should be able to upload the data anywhere at any time.
FR-6	User Solution	Data reports should be generated and delivered to user for 1 day.
FR-7	User Data Sync	API interface to increase to in voice sync system.

Non-functional Requirements:

NFR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Localization duties and language barriers are requirements for usability. Efficiency of use can be used to measure usability.
NFR-2	**Security**	The system's data administrator is the only person who has the ability to modify the access rights for a certain system's information.
NFR-3	**Reliability**	When any update fails, the database update procedure must roll back any linked updates.
NFR-4	**Performance**	The front-page load time must be no more than 2 seconds for users that access the website using a VoLTE mobile connection.
NFR-5	**Availability**	The deployment of a new module shouldn't affect the accessibility of the front page, the product pages, or the checkout pages, and it shouldn't take more than an hour.
NFR-6	**Scalability**	By introducing more RAM, servers, or disc space, we can improve scalability. On the other hand, we can optimise algorithms and compress data.