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

Date	17 October 2022
Team ID	PNT2022TMID22392
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 Form
FR-2	User Confirmation	Confirmation via Email
FR-3	Resource discovery	Find devices and services of interest to the requesting entity
FR-4	Resource management	Planning, Scheduling and allocating technology to a program
FR-5	Code management	Integrating sensors to web UI
FR-6	Event management	Integrating data to the users

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The Application perform the tasks safely, effectively, and efficiently
NFR-2	Security	Assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	Reliability	The Application does not recover from failure quickly, it takes time as the application is running in single server.
NFR-4	Performance	Response Time and Net Processing Time is Fast
NFR-5	Availability	This application is available to all the time
NFR-6	Scalability	The fire and smoke detectors has a response time of 0.013 minutes which is more effective than normal system