

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

Team ID	PNT2022TMID21836
Project Name	Project - 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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Actuation function	Activation of sprinklers. Turning ON the exhaust Fan
FR-4	Notification	Sending SMS with location to the fire station. Sending SMS to the authorities.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Ease of use and longevity of the system.
NFR-2	Security	Software remains secured in the face of attacks.
NFR-3	Reliability	High accuracy.
NFR-4	Performance	Faster response.
NFR-5	Availability	Availability of the systems for institutions, restaurants and other public places.
NFR-6	Scalability	It accommodates easy modification for various requirements.