

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

Date	03 October 2022
Team ID	PNT2022TMID26592
Project Name	Project – Hazardous Area Monitoring for Industrial Plant powered by IOT
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	Turning ON buzzer
FR-4	Notification	Sending notification high temperature indication

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	Fast 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