

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

Date	25 october 2022
Project Name	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 EmployeeID Registration through Biometric Registration through Gmail Registration through Form Registration through Phone Number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Actuation function	Turning ON buzzer
FR-4	Notification	Sending notification for high level temperature breach

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Ease of use and durability of the system.
NFR-2	Security	Highly secure and resistant to attacks.
NFR-3	Reliability	High accuracy.
NFR-4	Performance	Faster response.
NFR-5	Availability	Availability of the systems for institutions,Industrial plants, restaurants and other public places.
NFR-6	Scalability	It supports easy modification and accommodation for various requirements.