

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID	PNT2022TMID48761
Project Name	Hazardous area Monitoring for industrial plant Powered by IoT

Functional Requirements:

Following are the functional requirements of the proposed solution.

S.No.	Functional Requirements (Epic)	Sub Requirements (Story/Sub/Task)
1	Alarm	To alarm the specialists within the adjacent segments.
2	Smart wearable's	To inform the client around the temperature of the zone.
3	Beacons	To broadcast the information.
4	Cloud storage	To store and get to the information.
5	Temperature sensors	To identify the temperature of a specific region.
6	Mobile Application	To caution the clients in the event that the temperature is expanded beyond a certain restrain.

Non-functional Requirements:

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

S.No	Non-Functional Requirement	Description
1	Usability	Accessibility of the user-friendly wearable gadgets.
2	Security	It'll be secure for the specialists by installing the devices within the industry
3	Reliability	Information is spared within the secured server so they don't provide any escape clauses for the programmers.
4	Performance	No server crash or server down.
5	Availability	Data is accessible through wearable gadgets and portable application.
6	Scalability	No server crash or server down.