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

Team ID	PNT2022TMID30680
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.

S. No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1	**Alarm**	To alarm the specialists within the adjacent segments.
2	**Smart wearable's**	To inform the clients 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 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.