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

Date	15 October 2022
Team ID	PNT2022TMID03488
Project Name	Project - Hazardous Area Monitoring for Industrial plant power by Iot
Maximum Marks	4 Marks

Functional Requirements:

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	Resource discovery	Bluetooth Beacon Wi-Fi Aware Google physical Web/uriBecon cloud
FR-4	Resource management	planning scheduling Allocating
FR-5	Data management	Architecture Practices Procedures for proper management
FR-6	Device management	Provisioning and authentication Configuration and control Monitoring and Diagnostics Software update and Maintenance

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	(17)
NFR-2	**Security**	(17,42,44)
NFR-3	**Reliability**	(17,44)

NFR-4	**Performance**	High performance
NFR-5	**Availability**	Good performance
NFR-6	**Scalability**	(17,44)