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

Date	20 May 2023
Team ID	NM2023TMID7372
Project Name	Industrial Workers Health And Safety System Based On Internet Of Things

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		
FR-4		

Non-functional Requirements:

Are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	IOT safe provides a common mechanism to Secure. IOT data communications using a highly trusted SIM, rather than using proprietary and potentially less trusted hardware secure elements implemented elsewhere within the device.
NFR-2	**Security**	Automation can help to improve workplace safety by reducing the number of human

		workers who are exposed to potential hazards. Safety training. This is training that helps workers learn about potential hazards in the workplace and how to best avoid them.
NFR-3	**Reliability**	By using connected devices and sensors to gather data from their, manufactures can gain insights that can help them improves efficiency, reduce waste, and increase profitability.
NFR-4	**Performance**	Data is capture at the source through sensors. Data is then transmitted to system for a storage and organization purposes.
NFR-5	**Availability**	Industrial IOT is defined as the network of devices, machinery and sensors connected to each other and to the internet, with the purpose of collecting data and analyze it to apy this information in continuous process improvement.
NFR-6	**Scalability**	IOT security is the practice that keeps your IOT system safe. IOT security tools protect from threats and branches, identify and monitor risk sand can help fix vulnerabilities. IOT security ensures the availability, integrity, and confidentially of your IOT solution.