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

Date	19 October 2022
Team ID	PNT2022TMID04636
Project Name	Project – Gas Leakage Monitoring and Alerting System
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	Data fetch	The details of the gas leaked will be transferred to IOT system.
FR-2	Transferring to user	IOT, WIFI module
FR-3	Receiving in the user end	Gas level details will be displayed through LCD, an alarm will be beeps and the same data will be sent to the user mobile or pc.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Implemented the set of techniques for design and development
NFR-2	**Security**	Strategical improvement of the process ensures less risk.
NFR-3	**Reliability**	Accuracy and consistency check is properly maintained.
NFR-4	**Performance**	Achieves the goal and contributes to the existing problem in the industry
NFR-5	**Availability**	Identified the information about availability of resources
NFR-6	**Scalability**	High probability of performance