Project Design Phase-II

Solution Requirements (Functional & Non-Functional)

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	Set of techniques for design and development are implemented.
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	Information about the availability of resources are identified.
NFR-6	Scalability	Probability of performance is high.