

**ProjectDesign Phase-II**  
**Solution Requirements(Functional&Non-functional)**

Date	16 October 2022
TeamID	PNT2022TMID30456
Project Name	EXPLORATORY ANALYSIS OF RAIN FALL DATA IN INDIA ARCHITECTURE
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement(Epic)	SubRequirement(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 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	<b>Usability</b>	Set of techniques for design and development are implemented.
NFR-2	<b>Security</b>	Strategic improvement of the process ensures less risk.
NFR-3	<b>Reliability</b>	Accuracy and consistency check is properly maintained.
NFR-4	<b>Performance</b>	Achieves the goal and contributes to the existing problems in the industry.
NFR-5	<b>Availability</b>	Information about the availability of resources are identified.
NFR-6	<b>Scalability</b>	Probability of performance is high.