

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

Date	15-10-2022
Team ID	PNT2022TMID49709
Project Name	Gas leakage Monitoring And Alerting System

**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 OTP Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Dashboard	Can access the dashboard

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	To determine the type of Gas leak in the industries
NFR-2	<b>Security</b>	Manage the safety and security of the customer
NFR-3	<b>Reliability</b>	The system is more reliable because of its Quick response and system security.
NFR-4	<b>Performance</b>	Because of the system efficiency the System Performance are high
NFR-5	<b>Availability</b>	Low availability sometimes because of the Slow network connection.
NFR-6	<b>Scalability</b>	Only the User can be accessing the data.