

PROJECT DESIGN PHASE-II SOLUTION REQUIREMENTS

Date	15 October 2022
Team ID	PNT2022TMID05741
Project Name	Gas Leakage Monitoring and AlertingSystem
Maximum Marks	4 Marks

Functional Requirements:

Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
User Registration	Registration through Form Online Payment for the service
User Access	Access the details using web browser Access the details using mobile application
User alert	Gets alert as an SMS message Gets alert alarm in the working area.

Non-Functional Requirements:

Non-Functional Requirement	Description
Usability	The device must be usable by the customer anywhere
Reliability	Data can be retrieved anytime and no data is discarded without customer knowledge
Performance	No performance delay in case of large number of data or parameters
Scalability	Device must be capable of measuring conditions even in large industry
Security	Data from the sensor are stored securely and away from other data