

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID14363
Project Name	Project - Gas Leakage Monitoring and Alerting System
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Gas leakage monitoring and alerting system.
2.	Idea / Solution description	Use IoT to build an LPG gas detecting system in houses and industries.
3.	Novelty / Uniqueness	Cost efficient, high accuracy, easy to use.
4.	Social Impact / Customer Satisfaction	Customer would feel safe working in an environment with gas cylinders and no complexity in its processing.
5.	Business Model (Revenue Model)	The device would be low cost and effective. Should be advertised well.
6.	Scalability of the Solution	First the Solution should work for the intended purpose of detecting LPG gas in household areas. It can then be scaled to other gases and industry level detection.