

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID14393
Project Name	Project - Gas Leakage Monitoring and Alerting System
Maximum Marks	2 Marks

Proposed Solution Template:

The project team shall fill in the following information in the 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
3.	Novelty / Uniqueness	Low cost, high accuracy, easy to use
4.	Social Impact / Customer Satisfaction	The customer would feel safe working in an environment with gas cylinders
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.