

**Project Design Phase-I**  
**Proposed Solution Template**

Date	24 September 2022
Team ID	PNT2022TMID13963
Project Name	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 leads to various accidents resulting into both financial loss as well as human injuries. In human's daily life, environment gives the most significant impact to their health issues.
2.	Idea / Solution description	One of the preventive methods to stop accidents associated with the gas leakage is to install a gas leakage detection kit at vulnerable places.
3.	Novelty / Uniqueness	gas detectors can detect oxygen deficiency, explosive atmospheres and multiple poisonous gases, thus removing threats from hazardous and potentially lethal environments.
4.	Social Impact / Customer Satisfaction	It helps people to Detect, Alert and Monitor the whole system.
5.	Business Model (Revenue Model)	It is friendly product. One of the Updated version of sensors Models
6.	Scalability of the Solution	A Sulfur Containing Compound is Added to this System, So that a Smell Can be detected if there is a Leak. That's why the Natural gas used in Home.