

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

Date	19 September 2022
Team ID	PNT2022TMID15063
Project Name	Gas leakage monitoring and alerting system for industries
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 is a major problem in the industrial sector. Our problem statement is to provide a solution to this gas leakage problem and save the workers in the industries who expose to harmful gases in their respective industrial sectors.
2.	Idea / Solution description	This project can be proposed as a solution in preventing these gas leakage accidents .There will be gas sensors integrated into this system and if there occurs any leakage of gas,industrial admin can be alerted to save lives.
3.	Novelty / Uniqueness	Even though there are many existing solutions for this problem they failed to solve this issue. Some of the solutions detect some particular gases where some others fail in alerting. Our solution not only notify the main department of the industry about gas leakage but also informs the fire fighters so that they can take control over the situation and save the workers.
4.	Social Impact / Customer Satisfaction	Industrial admin/Main department of the industry can be able to prevent gas leakage in industries
5.	Business Model (Revenue Model)	This product/software can be sold in industries and large communities.
6.	Scalability of the Solution	High Scalability