

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

Date	26 September 2022
Team ID	PNT2022TMID29894
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 monitoring and alerting System.
2.	Idea / Solution description	This project helps the industries in monitoring The emission of harmful gases.If the leakage is detected system automatically starts exhaust to fan it is used to suck the gas out of the room Another fan is used to pull in fresh air from outside at the same time sending out an alert message to turn of the gas supply.
3.	Novelty / Uniqueness	The work is automatically air exhauste and sending out an alert message to turn off the Gas supply.

4.	Social Impact / Customer Satisfaction	Industrial admin can prevent before accident Through gas leakage monitoring system
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>• Cost efficiency</li> <li>• Highly profitable</li> </ul>
6.	Scalability of the Solution	High scalability