

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

Date	6 NOVEMBER 2022
Team ID	PNT2022TMID05953
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM
Maximum Marks	2 Marks

**Proposed Solution :**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"><li>○ Develop an efficient system &amp; an application that can monitor and alert the users(workers)</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>○ This product helps the industries in monitoring the emission of harmful gases</li><li>○ In several areas, the gas sensors will be integrated to monitor the gas leakage</li><li>○ If in any area gas leakage is detected the admins will be notified along with the location</li><li>○ In the web application, admins can view the sensor parameters.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>○ Fastest alerts to the workers</li><li>○ User friendly</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>○ Cost efficient</li><li>○ Easy installation and provide efficient results</li><li>○ Can work with irrespective of fear</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>○ The product is advertised all over the platforms. Since it is economical, even helps small scale industries from disasters.</li><li>○ As the product usage can be understood by everyone, it is easy for them to use it properly for their safest organization.</li></ul>

6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>○ Since the product is cost efficient, it can be placed in many places in the industries.</li> <li>○ Even when the gas leakage is more, the product sense the accurate values and alerts the workers effectively.</li> </ul>
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