

## Project Design Phase-I

### Proposed Solution

Date	3 October 2022
Team ID	PNT2022TMID15087
Project Name	Gas leakage monitoring and alerting system for industries
Maximum Marks	2 Marks

#### Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	➤ Develop an efficient system & an application that can monitor and alert the users(workers) From gas leakage
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>