Project Design Phase-I
Proposed Solution Template

Date	18 October 2022
Team ID	PNT2022TMID24259
Project Name	Gas Leakage Monitoring and Alerting System for industries
Maximum Marks	2 Marks

Proposed Solution Template:

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)
2.	Idea / Solution description	❖ This product helps the industries in monitoring the emission of harmful gases ❖ In several areas, the gas sensors will be integrated to monitor the gas leakage ❖ If in any area gas leakage is detected the admins will be notified along with the location ❖ In the web application, admins can view the sensor parameters.
3.	Novelty / Uniqueness	❖ Fastest alerts to the workers ❖ User friendly
4.	Social Impact / Customer Satisfaction	❖ Cost efficient ❖ Easy installation and provide efficient results ❖ Can work with irrespective of fear
5.	Business Model (Revenue Model)	❖ The product is advertised all over the platforms. Since it is economical, even helps small scale industries from disasters. ❖ As the product usage can be understood by everyone, it is easy for them to use it properly for their safest organization
6.	Scalability of the Solution	❖ Since the product is cost efficient, it can be placed in many places in the industries. ❖ Even when the gas leakage is more, the product sense the accurate values and alerts the workers effectively