

Project Design Phase-I
Proposed Solution

Date	11 November 2022
Team ID	PNT2022TMID22149
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)
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