Project Design Phase-I
Proposed Solution

Date	3 October 2022
Team ID	PNT2022TMID10281
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	➢ 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