Project Design Phase-I
Proposed Solution

Date	17 October 2022
Team ID	PNT2022TMID38288
Project Name	Gas leakage monitoring and alerting system for industries
Maximum Marks	4

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	➢ Develop a system to detect gas leakage and alert the users
2.	Idea / Solution description	➢ This system can monitor harmful gases and alert the workers by sound ➢ 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	➢ Alert Quickly ➢ Easy to handle
4.	Social Impact / Customer Satisfaction	➢ Long Lasting with low cost ➢ Easy installation and provide efficient results ➢ Does not affect the lives
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 cost is low, it can be easily placed in the industries and houses. ➢ Even when the gas leakage is more, the product sense the accurate values and alerts the workers effectively