

Project Design Phase-I
Proposed Solution

Date	20 October 2022
Team ID	PNT2022TMID38324
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)	<ul style="list-style-type: none">❖ Create a system to identify gas leaks and notify users.
2.	Idea / Solution description	<ul style="list-style-type: none">❖ This technology can detect dangerous gases and trigger an alarm to notify workers.❖ Administrators can view the sensor parameters on the web application.❖ If a gas leak is discovered in any region, the administrators will be alerted along with the location.
3. s	Novelty / Uniqueness	<ul style="list-style-type: none">❖ Alert right away❖ Simple to handle❖ Environmental usage
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">❖ Affordable and long-lasting❖ Does not impact people's lives❖ Simple installation and yield effective results
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">❖ The item is heavily promoted across all mediums. Due to its affordability, it even protects small-scale companies against disasters.❖ Since everyone can understand how to utilise the product, it is simple for them to do so for their safest organisation.
6.	Scalability of the Solution	<ul style="list-style-type: none">❖ Even when there is a greater gas leak, the product detects precise readings and successfully warns the workers.❖ Since the product's cost is inexpensive, both businesses and homes can readily use it.

