

**Project Design
Phase-I Proposed
Solution**

Date	14 october 2022
Team ID	
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)	<ul style="list-style-type: none"> ➤ ➤ Develop an efficient system & an application that can monitor and alert the users(workers)
2.	Idea / Solution description	<ul style="list-style-type: none"> ➤ ➤ 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	<ul style="list-style-type: none"> ➤ ➤ Fastest alerts to the workers ➤ ➤ User friendly
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ ➤ Cost efficient ➤ ➤ Easy installation and provide efficient results ➤ ➤ Can work with irrespective of fear
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ ➤ 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	<ul style="list-style-type: none"> ➤ ➤ 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
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