

Project Design Phase-I

Proposed Solution

BATCH	B12-6A2E
TEAM ID	PNT2022TMID01775
TEAM MEMBERS	MITHUNKUMAR M - 7376191EC202 (Team Lead) MANOJ KUMAR M - 7376191EC198 MANOJ S - 7376191EC199 LOGANATHAN M - 7376191EC195
PROJECT	Gas Leakage Monitoring & Alerting System for Industries

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	<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