

Project Design Phase-I
Proposed Solution Template

Date	18 October 2022
Team ID	PNT2022TMID24175
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

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
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.
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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