

Project Design Phase-I
Proposed Solution Template

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID08134 |
| Project Name | Gas Leakage Monitoring & 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) | To find the Gas Leakage in the industries and to prevent them from accidents and disaster. |
| 2. | Idea / Solution description | By using Arduino UNO with MQ Gas sensors it detects the Gas leakage and alert the admin. |
| 3. | Novelty / Uniqueness | We use location tagging and alert service so that the admin and fire department team will be notified the exact location as soon as the leakage is detected. |
| 4. | Social Impact / Customer Satisfaction | Save labour life and resources from fire accident and reduces the damage causing factor. |
| 5. | Business Model (Revenue Model) | By using : Safe from fire accidents and no financial losses. Without using : Fire accident , loss of life as well as loss of resources. |
| 6. | Scalability of the Solution | It is well advanced in saving lives in the industries |