

Project Design Phase-I

Proposed Solution

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| Date | 13 October 2022 |
| Team ID | PNT2022TMID18315 |
| Project Name | Gas leakage monitoring and alerting system for industries |
| Maximum Marks | 2 Marks |

Proposed Solution:

| S.no | Parameter | Description |
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| 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 |