**Project Design Phase-I**

**Proposed Solution Template**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | • Develop an efficient system & an application that can monitor and alert the users |
| 2. | Idea / Solution description | * 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 | * Fastest alerts to the workers. * User friendly |
| 4. | Social Impact / Customer Satisfaction | * Cost efficient. * Easy installation and provide efficient results. |
| 5. | Business Model (Revenue Model) | * 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. |

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| Date | 23 October 2022 |
| Team ID | PNT2022TMID24222 |
| 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.

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| --- | --- | --- | --- |
| 6. | Scalability of the Solution | • | 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. |