**Project Design Phase-I Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID36601 |
| Project Name | Gas Leakage monitoring & Alerting system for Industries by IoT |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | Workers are the pillar of the company, while working in gases areas it is very difficult to avoid leakage of gases, hence we need to  ensure the safety of the workers |
| 2. | Idea / Solution description | This problem can be overcome by using IoT. By implementing IoT, we are able to monitor the surroundings of the workers as well as their body condition. |
| 3. | Novelty / Uniqueness | The uniqueness of our application is, by using our application we will get live updates of  Gas leakage by the way of SMS, in and around  the workers environment using IoT. |
| 4. | Social Impact / Customer Satisfaction | It is best suited for the industries which relocated in gas leakage environments like sudden leakage of gas. The admin can able to track the data of the workers environment. When there is any deviation occur, admin alert  the workers for evacuation. |
| 5. | Business Model (Revenue Model) | We can introduce product-based approach to earn a good revenue. The greater number of features attract the end users to use our  application. |