**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMIDxxxxxx |
| Project Name | Project - xxx |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Gas leakage leads to various accidents resulting in financial loss as well as human injuries and loss. |
|  | Idea / Solution description | The work aims at designing a system that detects gas leakage and alerts these describer through alarm and status display besides turning off the gas supply valve. |
|  | Novelty / Uniqueness | It sends messages to mobile number specifically mentioned in the program of the source code for alerting danger to the people |
|  | Social Impact / Customer Satisfaction | Using GSM facility every customer can get update of their gas leakage and they can monitor from their own place |
|  | Business Model (Revenue Model) | Our project model is more efficient and low cost compared to that in market |
|  | Scalability of the Solution | In danger situation we are able to save the life by using this gas leakage detection system. |