**Project Design Phase-I**

**Proposed Solution Template**

| Date | 19 September 2022 |
| --- | --- |
| Team ID | PNT2022TMID35841 |
| Project Name | Project - Gas Leakage Monitoring and Alerting System |
| 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 monitoring and alerting system |
|  | Idea / Solution description | Use IoT to build an LPG gas detecting system |
|  | Novelty / Uniqueness | Low cost, high accuracy, easy to use |
|  | Social Impact / Customer Satisfaction | Customer would feel safe working in an environment with gas cylinders |
|  | Business Model (Revenue Model) | The device would be low cost and effective. Should be advertised well. |
|  | Scalability of the Solution | First the Solution should work for the intended purpose of detecting LPG gas in household areas. It can then be scaled to other gases and industry level detection. |