Project Design Phase-I Proposed Solution Template

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID13963 |
| Project Name | Gas Leakage Monitoring and Alerting System |
| 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) | Gas leakage leads to various accidents resulting into both financial loss as well as human injuries. In human's daily life, environment gives the most significant impact to their health issues. |
| 2. | Idea / Solution description | One of the preventive methods to stop accidents associated with the gas leakage is to install a gas leakage detection kit at vulnerable places. |
| 3. | Novelty / Uniqueness | gas detectors can detect oxygen deficiency, explosive atmospheres and multiple poisonous gases, thus removing threats from hazardous and potentially lethal environments. |
| 4. | Social Impact / Customer Satisfaction | It helps people to Detect, Alert and Monitor the whole system. |
| 5. | Business Model (Revenue Model) | It is friendly product. One of the Updated version of sensors Models |
| 6. | Scalability of the Solution | A Sulfur Containing Compound is Added to this System, So that a Smell Can be detected if there is a Leak. That's why the Natural gas used in Home. |