**Project Design Phase –I**

**Proposed Solution**

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| **Team ID** | PNT2022TMID43096 |
| **Project Name** | Gas Leakage Alerting and Monitoring 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) | The purpose of this system is to detect gas leakage , neutralize it ,and prevent the explosion. |
| 2. | Idea/ Solution description | Gas detectors can be used to detect combustible, flammable and toxic gases , and oxygen depletion. This type of device is used widely in industry and can be found in locations,such as on oil rigs ,to monitor manufacturing processes and emerging technologies such as photovoltaic. They may be used infirefighting. |
| 3. | Novelty /uniqueness | -Ability to predict the hazardous situation  -low cost |
| 4. | Social Impact / Customer Satisfaction | -This model is vital for the industry as there are lot of people to detect the gas leakage prior the fire accident  -We have used the IoT technology to make a Gas Leakage Detector for industry which having Smart Alerting techniques involving sending text message to the concerned authority and an ability performing data analytics on sensor readings. |
| 5. | Business Model (Revenue Model) |  |