**Project Design Phase-I**

**Proposed Solution**

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| Date | 21 September 2022 |
| Team ID | PNT2022TMID54092 |
| Project Name | Gas Leakage Monitoring And Alerting System For Industries |
| Maximum Marks | 2 Marks |

**Proposed Solution :**

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | * Gas leakage leads to various accidents resulting in financial loss as well as injuries to human. * In routine life, the environment has the most significant effect on human health. |
|  | Idea / Solution description | * Develop an economical system and an application which will monitor and alert the users. * This product helps the industries in observance the emission of harmful gases. * In many spaces, the gas devices are going to be integrated to observe the gas leakage. * If in any area, gas leakage is detected the administrators will be notify along with the location. * Within the web application, admins can view the sensor parameters. |
|  | Novelty / Uniqueness | * Convenient to use. * Immediate response to the users. |
|  | Social Impact / Customer Satisfaction | * Inexpensive * Simple installation and supply efficient results. * Will work with regardless of fear. |
|  | Business Model (Revenue Model) | * The product is marketed all around the platform. * Since it’s far economical, it even helps small scale industries in the event of a disaster. * As the product utilization maybe understood through everyone, it is simple for them to apply it nicely for his or her secure organisation. |
|  | Scalability of the Solution | * Since the product is profitable, it can be placed in several places within the industries. * Even if the gas leakage is larger, the product will detect the accurate values and alert the users effectively. |