# PROJECT DESIGN PHASE-I

# PROPOSED SOLUTION

| DATE | 08-10-2022 |
|---|---|
| TEAM ID | PNT2022TMID33933 |
| PROJECT NAME | IoT Based Gas Leakage Monitoring and Alerting System |
| MAXIMUM MARKS | 2Marks |

| S.NO | PARAMETERS | DESCRIPTION |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | To protect people from accidents caused due to leakage of gas. Many people are unaware of leaking of gas |
| 2. | Idea / Solution description | So, to solve this problem, we can use sensors to monitor the level of the gas |
| 3. | Novelty / Uniqueness | By the use of modern sensors it is effortless to detect the level of gas |
| 4. | Social Impact / Customer Satisfaction | it ensures the safety and well being of people |
| 5. | Business Model (Revenue Model) | Through IoT a sensor is built which constantly measures the amount of gas which is beneficial for restaurants, factories and so on |
| 6. | Scalability of the Solution | Using mobile device allows for detecting the level of gas and gives warning by which preventive steps can be taken |