**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID10221 |
| Project Name | Hazardous Area Monitoring for Industrial Plants powered by IoT. |
| 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** |
|  | Problem Statement (Problem to be solved) | In today’s world in spite of security and automation in industrial plants and environments are quiet crucial for machines and humans. |
|  | Idea / Solution description | This system has been designed to detect dangerous situations like breakdown which is the most important parameter for occurring leakage current in substation and help to  avoid them. |
|  | Novelty / Uniqueness | This IoT system is affordable and suited for several types of industries and it is not complex as the ones that are available in the market. |
|  | Social Impact / Customer Satisfaction | In Today's world Industrial IoT manufacturers are looking for solutions to boost efficiency and output while maintaining worker safety at work sites in hazardous areas. |
|  | Business Model (Revenue Model) | This Iot model highly focuses on the safety of the people and it surely makes a fortune for its investors because its flexible and it is not as complicated as the ones in available in the markets. |
|  | Scalability of the Solution | Today's industrial IoT manufacturers are looking for solutions to boost efficiency and output while maintaining worker safety at work sites working safely in hazardous environments. |