**Project Design Phase-I**

**Proposed Solution Template**

| Date | 19 September 2022 |
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| Team ID | PNT2022TMID31893 |
| Project Name | Project - Hazardous Area Monitoring for Industrial |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

| **S.No.** | **Paramete r** | **Description** |
| --- | --- | --- |
| 1. | Problem  Statement (Problem to be  solved) | To improve the safety management system in industries. Improving the safety management system against the industrial accidents. |
| 2. | Idea /  Solution  descriptio n | To implement the safety management in industry based on IOT using Arduino uno board with temperature detection . And using humidity sensor with GPS tracking system. |
| 3. | Novelty / Uniquene ss | An Integrated system of temperature monitoring automatically fire extinguisher with accuration of information about locations and response through SMS notification and call. |
| 4. | Social  Impact /  Customer Satisfactio n | It early prevents the accident cost by fire in industries.Nearby locations so maximum extend more accurate reliability,Compatability design integrated system |
| 5. | Business  Model  (Revenue Model) | This product can be utilized by a industries .this can be thought of as a productive and helpful item as industries great many current rescuing people and machine from the fire accident. |

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| 6. | Scalabilit  y of the  Solution | It is trying to execute this technique as we need to introduce an arduino gadget which was modified with an Arduino that takes received signals from sensors .Easy operatability and  maintenance.Required low time for maintain.Cost is reasonable value. |