Project Design Phase-I Proposed Solution Template

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| Date | 09 October 2022 |
| Team ID | PNT2022TMID16845 |
| Project Name | Project-Industry-specific intelligent fire management system |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To improve the safety management system in  industries. Improving the safety management system against the fire incidents in industries. |
| 2. | Idea / Solution description | To implement the fire safety management in industry based on IOT using Arduino uno board with fire detection and fire extinguisher system. And using some sensors (Humidity sensor, Flame sensor, smoke sensor) with GPS tracking  system. |
| 3. | Novelty / Uniqueness | An Integrated system of temperature monitoring, gas monitoring, fire detection automatically fire extinguisher with accuration of information about locations and response  through SMS notification and call. |
| 4. | Social Impact / Customer Satisfaction | * 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) |  |
| 6. | Scalability of the Solution | * This project can be used more efficiently with accurate information requiring. * Easy operatability and maintenance. * Required low time for maintain * Cost is reasonable value. |