

Project Design Phase-I

Proposed Solution

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| Date | 29 October 2022 |
| Team ID | PNT2022TMID54033 |
| Project Name | Project –Industry specific intelligent fire management system |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

| S.No. | Parameters | Outcomes |
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| 1. | Problem Statement (Problem to be solved) | *Improving the Fire management and alert system in industries. And also providing a safe environment for the workers... |
| 2. | Idea / Solution description | *Providing fire management and alert system in industries on IoT with fire detection and using some sensors (Gas sensor, flame sensor, temperature sensor). |
| 3. | Novelty / Uniqueness | *An IoT system that is integrated with temperature sensor, gas sensor, flame sensor, exhaust fan ,water sprinkler and fire alert through SMS to the authority... |
| 4. | Social Impact / Customer Satisfaction | *We can also able to reduce the damages caused by fire accidents in industries using this device by alerting everyone early.... |
| 5. | Business Model (Revenue Model) | *This product can be used in industries .This system can be used as a safety system in industries. * High Efficient and Secure... |
| 6. | Scalability of the Solution | *This project is trying to execute the method with the help of an IoT gadget which provides a safe environment for workers in industries. *Easy to Install and Maintain... |