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| **Project Design Phase-I**  **Proposed Solution Template**   |  |  | | --- | --- | | Team ID | PNT2022TMID39342 | | Project Name | Hazardous Area Monitoring for Industrial Plant Powered by IOT |         **Proposed Solution:**   |  |  |  |  | | --- | --- | --- | --- | | **S.No** | **Parameter** |  | **Description** | | 1. | **Problem Statement (Problem to be solved)** | • | Our project will give the solution to overcome these problems with help of IOT. | |  |  | • | The Industrial Internet of things or IOT has gained recognition due to the advancement it has made in communication technology. Industrial IoT is an application of IoT that enables control of industries over the Internet using smart devices and sensors | | 2. | **Idea / Solution description** | • | It collects the data from different types of sensors and it sends the value to the main server. | |  |  | • | The ultimate decision, whether to fire and the crop or not is taken by the industries using mobile application. | | 3. | **Novelty / Uniqueness** | • | It depends on IOT thus eliminating the need of physical work of industries and thus increasing the productivity in every possible manner. | |  |  | • | The data are taken from the reliable source. | | 4. | **Social Impact / Customer Satisfaction** | • | The information collected are from reliable sources and hence the power plant could make more precise decision, thereby the productivity increases. | | 5. | **Business Model (Revenue Model)** | • | Power plant industries is an advanced and innovative way to get maximum to avoidance of explosion and minimize the human lives. | | 6. | **Scalability of the Solution** | • | With the use of sensors, it has enabled industries plant to reduce waste and increase output. | |