Project Design Phase-I
Proposed Solution

Template

Team ID	PNT2022TMID40881
Project Name	**Industry Specific Intelligent Fire Management system**
Marks	**Maximum 2 marks**

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to besolved)	• Setting up the system is a difficult process. • Power Supply is also one of the problems. • The Biggest Challenges Faced byIoT in the Safety Sector areLack of resourse, HighAdoption, Cost and SecurityConcerns,etc
2.	Idea/Solutiondescription	• As is the case of precisionIndustry- specific intelligent fire management systemEnablesIndustriesbettertomoni tor the safety and maintain thesecuritylevel accordingly. • The Data collected by sensors, Interms of safety, and Security detections help indetermining the safety pattern inIndustries.

3.	Novelty/ Uniqueness	**ALERT MESSAGE** – IoT sensor nodes collect information fromthe Industry environment, such as smoke, air humidity, temperature then transmit collected data to IoT backhauldevices. **REMOTEACCESS–**It help stheto operate the system fromany where.
4.	SocialImpact/CustomerS atisfaction	- Reducesthe fire accident in the Industries. - Itsavesalotof time. - IoTcanhelpimprove production in the industries. - It helps the workers in the industries to work confidentaly for their safety. - IoT canalsohelp e-commercebusinessesthriveandincr easesales. - It make asecuredsociety
5.	BusinessModel (RevenueModel)	Revenue(No.ofUsersvsMonths) User 800 700 600 500 400 300 200 100 0 0 1 2 3 4 5 Months
6.	Scalabilityof theSolution	tyinsmartsafetyreferstotheadapt a system to increase ity, for example, the number logydevices suchas sensorsand ,while enabling timelyanalysis.