Project Design
Phase-IProposedSolution
Template

Team ID	PNT2022TMID24229
Project Name	Industric Specific Fire Management system
Marks	**Maximum 2 marks**

ProposedSolutionTemplate:

S.No.	Parameter	Description
1.	Problem Statement (Problem to besolved)	• Setting up the system is a difficult process. • Power Supply is also one of theproblems. • 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 precisionIndustryspecific intelligent fire management systemEnablesIndustriesbettertomonitor 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 nodescollectinformation fromthe Industryenvironment, such as smoke, airhumidity, temperaturethentransmit collected data to IoT backhauldevices. **REMOTEACCESS–**Ithelpstheto operatethesystemfromanywhere.
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 ecommercebusinessesthriveandincr easesales. - It make asecuredsociety
5.	BusinessModel (RevenueModel)	Revenue(No.ofUsersvsMonths) User Months

Revenue(No.ofUsersvsMonths)

User

800
700
600
500
400
300
200
100
0

0
1
2
3
4
5

Months

6.	Scalabilityof theSolution	yinsmartsafetyreferstotheadapt
		a system to increase
		ty, for example, the number
		gydevices suchas sensorsand
		while enabling timelyanalysis.