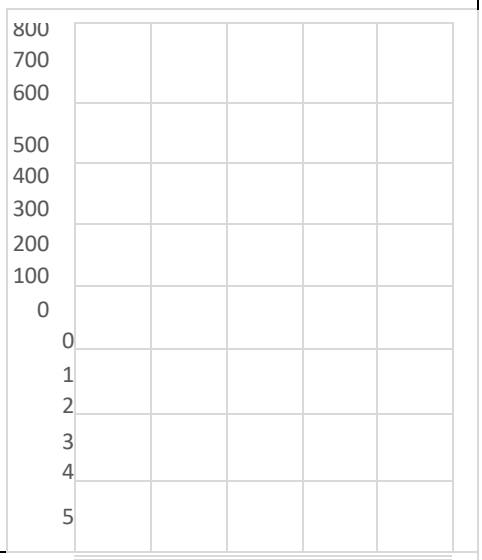
Project Design Phase-
IProposedSolutionTemplate

Date	10October2022
Team ID	PNT2022TMID22464
ProjectName	Industry-specific intelligent fire management system
MaximumMarks	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 precisionIndustry-specific 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/CustomerSatisfaction	• 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-commercebusinessesthriveandincreasesales. • It make asecuredsociety
5.	BusinessModel (RevenueModel)	Revenue(No.ofUsersvsMonths) 
6.	Scalabilityof theSolution	Scalabilityinsmartsafetyreferstotheadaptability of a system to increase thecapacity, for example, the number oftechnologydevices suchas sensorsand actuators,while enabling timelyanalysis.