

ProjectDesignPhase-I
ProposedSolution
Template

Date	24September2022
TeamID	PNT2022TMID53943
ProjectName	IndustrySpecificIntelligentFire ManagementSystem
MaximumMarks	2Marks

ProposedSolutionTemplate:

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S.No.	Parameter	Description
1.	ProblemStatement(Problemto besolved)	Theexistingfirealarmsystemonmarke nowadaysistooocomplexintermsofit designandstructure.Sincethesystem toocomplex,itneedsregularmaintenanc tobecarriedouttomakesurethesystem operateswell
2.	Idea/Solutiondescription	Toavoidtheimpactoffire.Weasa teamproposingasolutionasfire managementsystem.Afterinstallation ofasystem.Thecustomerwillsafe fromfire,iffireisexist. Bythealarm,sprinklersandthealart messagesendtotheuserbythefast smsoremail.
3.	Novelty/Uniqueness	Effectivefiredetectionsystemeliminates damagebyensuringthatafirecanbe preventedbeforeitevenstarts.Afire detectormayalsohaveadirect connectiontoanalarmmonitoringcenter.
4.	SocialImpact/ CustomerSatisfaction	Theyhelpwarnandkeepcustomersafe andreduceheamountofdestructiontoa building.

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5.	BusinessModel(RevenueModel)	The main drawback of the fire management system, to save customer from fire more over prevented by method.
6.	Scalability of the Solution	Fire detection systems increase response times, as they are able to alert the correct people in order to extinguish the fire. This thus reduces the amount of damage to the property. Fire detection systems can be connected to sprinklers that will automatically respond when a fire is detected.