ProjectDesignPhase-I

ProposedSolution

Template

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| Date | 24September2022 |
| TeamID | PNT2022TMID53935 |
| ProjectName | IndustrySpecificIntelligentFire ManagementSystem |
| MaximumMarks | 2Marks |

ProposedSolutionTemplate:

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| S.No. | Parameter | Description |
| 1. | ProblemStatement(Problemto besolved) | Theexistingfirealarmsystemonmarke nowadaysistoocomplexintermsofit 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 andreducetheamountofdestructiontoa building. |

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| 5. | BusinessModel(RevenueModel) | Themaindrawbackofthefire managementsystem,tosave customerfromfiremoreover preventedbymethod. |
| 6. | ScalabilityoftheSolution | Firedetectionsystemsincreaseresponse times,astheyareabletoalertthecorrect peopleinordertoextinguishthefire.This thusreducestheamountofdamageto theproperty.Firedetectionsystemscan beconnectedtosprinklersthatwill automaticallyrespondwhenafireis detected. |