**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID27352 |
| Project Name | Project – Industry Specific Intelligent Fire Extinguisher |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | House combustion is one of the main concerns for builders, designers, and property residents. Singular sensors were used for a long time in the event of detection of a fire, but these sensors can not measure the amount of fire to alert the emergency response units. |
|  | Idea / Solution description | This project proposes to ﻿ establish a system that can detect fire and extinguish it in the shortest time subject to a ﻿ few effective factors. In this case, the system aims to put out the fire before it spreads ﻿ increasing the security of home, laboratory, office, factory and building that is important ﻿ to human life. |
|  | Novelty / Uniqueness | The uniqueness of our proposed project is the fire ﻿ extinguisher system can find out the fire source by the proposed method and move to ﻿ fire source to fight the fire using extinguisher. |
|  | Social Impact / Customer Satisfaction | Our project helps save countless lives and has gone through a variety of changes to its design to further increase its efficiency and ability to put out a . |
|  | Business Model (Revenue Model) | In order to gain a competitive market share, the companies operating in the market are involved in active innovation, by providing advanced fire detection systems. |
|  | Scalability of the Solution | The cost of fire extinguisher is very high in the whole world. In compare to that  fire extinguisher our fire fighting system is not too much costly. So it is more profitable  than any other fire extinguisher. |