Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 04 October 2022 |
| Team ID | PNT2022TMID12796 |
| Project Name | INDUSTRY-SPECIFIC INTELLIGENT FIRE  MANAGEMENT SYSTEM |
| Maximum Marks | 4 Marks |

# Functional Requirements:

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration via form Registration via mobile phone number |
| FR-2 | User Confirmation | Confirm by message  Confirm by phone |
| FR-3 | User Login | Log in through the website or app with your respective username and password. |
| FR-4 | User Upload | Customers should be able to upload information |
| FR-5 | Fire Detection Monitoring | Sensors monitor the industry 24/7 and the provides information to end users. |
| FR-6 | Location Notification | The location of the fire is sent to the fire brigade in an alarm or message |

# Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Easy to use and economical Easy |
| NFR-2 | **Security** | Protect your software from attacks |
| NFR-3 | **Reliability** | Fast response timer. Highly reliable. Application is running correctly |
| NFR-4 | **Performance** | If a fire is detected, you will be notified immediately through the web application and tracking will also be done regularly. |
| NFR-5 | **Availability** | Availability of the system in institutions , restaurants and other public places. |
| NFR-6 | **Scalability** | It can be easily modified to suit different needs. |