**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| --- | --- |
| Date | 16October 2022 |
| Team ID | PNT2022TMID50097 |
| Project Name | Project – 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 through e-mail id&Mobile Number |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Web Applications | Node Service |
| FR-4 | Configure to Device | IBM Wastson IoT Platform |
| FR-5 | Data base | Cloudant DB |
| FR-6 | Python Script | IBM IoT Platform |

**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** | used to protect the damage from fire |
| NFR-2 | **Security** | Information about increase in changes in situation is secured |
| NFR-3 | **Reliability** | More Consistency and Dependability |
| NFR-4 | **Performance** | Easy to moniter and measure the Temperature |
| NFR-5 | **Availability** | Available IN defined Geofence |
| NFR-6 | **Scalability** | To exceed future Demand |