# Project Design Phase-II
## Solution Requirements (Functional & Non-functional)

| Date | 22 October 2022 |
|---|---|
| Team ID | PNT2022TMID05194 |
| Project Name | Project – Industry Specific Intelligent Fire Management System |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|---|---|---|
| FR-1 | User Registration | **LOW VISION:**<br>    As a user who has trouble reading due to flow vision ,I want to be able to make the text larger on the screen so that I can reading.<br>    **Registration through Gmail** |
| FR-2 | User Confirmation | **IMPAIRED USER:**<br>    As a user who is hearing impaired, I want a turn on video captions so that I can understand what is being said in videos.<br>    **Confirmation via Email** |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | ❖  Visual and audio signalization<br>❖  It provide zonal coverage<br>❖  Protect your property |
| NFR-2 | **Security** | ❖  Maintain the enabling detection<br>❖  Warn people when smoke ,fire ,carbon monoxide<br>❖  Detector  instruction such as unauthorized |
| NFR-3 | **Reliability** | The listing process, the manufacturing process and the code requirements are all significant contributors to reliable fire alarm systems. |
| NFR-4 | **Performance** | Detect a fire. Alert occupants of the fire condition. Activate safety control functions. Alert the local fire department. |
| NFR-5 | **Availability** | ❖  Wireless Alarm Systems.<br>❖  Wired Alarm Systems.<br>❖  Monitored Alarm Systems.<br>❖  Unmonitored Alarm Systems |

|        |             | ❖ Alarm Systems from Four Walls Security |
|--------|-------------|------------------------------------------|
| NFR-6  | **Scalability** | Addressable systems provide a great deal of flexibility in comparison to conventional systems. While the number of devices either system can accommodate is determinant on the manufacturer of the alarm panels, every type of device added to a conventional system requires a new circuit. |