Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Team ID | PNT2022TMID31893 |
| Project Name | Project – Hazardous area monitoring industrial  plant powered by IoT |
| 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 Form Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Actuation function | Turning ON buzzer |
| FR-4 | Notification | Sending notification high level temperature indication |
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# 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** | Ease of use and longevity of the system. |
| NFR-2 | **Security** | Software remains secured in the face of attacks. |
| NFR-3 | **Reliability** | High accuracy. |
| NFR-4 | **Performance** | Faster response. |
| NFR-5 | **Availability** | Availability of the systems for institutions,  restaurants and other public places. |
| NFR-6 | **Scalability** | It accommodates easy modification for various  requirements. |