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

| Date | 15 October 2022 |
|---|---|
| Team ID | PNT2022TMID50064 |
| Project Name | Hazardous area monitoring for Industrial |
| 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 | Registration through Form<br>Registration through Gmail<br>Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email<br>Confirmation via OTP |
| FR-3 | Certificationions | Certificate are included clearly through company's |
| FR-4 | Strength | High security for maintenance of hazardous area |
| FR-5 | Specifications | Describe what the monitors does and check its operations |
| FR-6 | Durability | Check what types of things used in the monitors through the form |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | Usability | Using area monitors is allows to create a safe buffer zone between workers and potential gas hazardous |
| NFR-2 | Security | To avoid the injuries and minimize incidents in hazardous area |
| NFR-3 | Reliability | It is possible to minimize the risk in a hazardous area and also that enables its detection |
| NFR-4 | Performance | Identification and monitoring system for hazardous area |
| NFR-5 | Availability | For hazardous area monitoring we will consider the sensors and tracking system |
| NFR-6 | Scalability | When weighing in hazardous environments, safety is critical and hazardous-area scale indicators work with a variety of scale types |