

**SOLUTION REQUIREMENTS (FUNCTIONAL & NON-  
FUNCTIONAL)**

<b>TEAM ID</b>	PNT2022TMID22837
<b>PROJECT NAME</b>	HAZARDOUS AREA MONITORING INDUSTRIAL PLANT POWERED BY IOT

**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 LinkedIn Registration through form Registration through Gmail
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

**NON-FUNCTIONAL REQUIREMENTS:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Ease of use and longevity of the system.
NFR-2	<b>Security</b>	Software remains secured in the face of attacks.
NFR-3	<b>Reliability</b>	High accuracy.
NFR-4	<b>Performance</b>	Faster response.
NFR-5	<b>Availability</b>	Availability of the systems for institutions, restaurants and other public places.
NFR-6	<b>Scalability</b>	It accommodates easy modification for various requirements.