

**Ideation Phase**  
**Define the Problem Statements**

Date	19 September 2022
Team ID	PNT2022TMID 42645
Project Name	Project - Hazardous Area Monitoring for Industrial Plants
Maximum Marks	2 Marks

**Customer Problem Statement Template:**

1. Rahul is a Plant Manager who needs to be informed of possible hazardous areas because it could pose a risk to the lives of the workers in the facility.
2. Sudhagar is a technician who needs to be informed when he is entering a hazardous area because it can lead to dangerous health complications.
3. Pavithran is the Safety Inspector who needs to easily as certain whether the various areas of the plant are hazardous or not because he needs to provide accurate reports to ensure safety.

I am	Safety manager	Safety of workers
I am trying to	Temperature of particular region	To measure temperature of particular region
But	Accuracy is less	We have make the temperature accurate
Because	In some places accuracy should be maintained	Humidity of the place can also be found
Which makes me feel	If we continuously monitor without going to the location, makes the customer happy.	The temperature can be continuously monitored by the manager or as many people can be added. This helps us with the safety of the workers which makes the total organization or industry happy.

<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	Safety manager	Detect temperature	Accuracy is important	It has be kept at constant temperature	Happy about the product
PS-2	Owner of a manufacturing unit	Detect humidity	Accuracy is important	It has be kept at constant temperature	Happy about the product