Ideation Phase
Define the Problem Statements
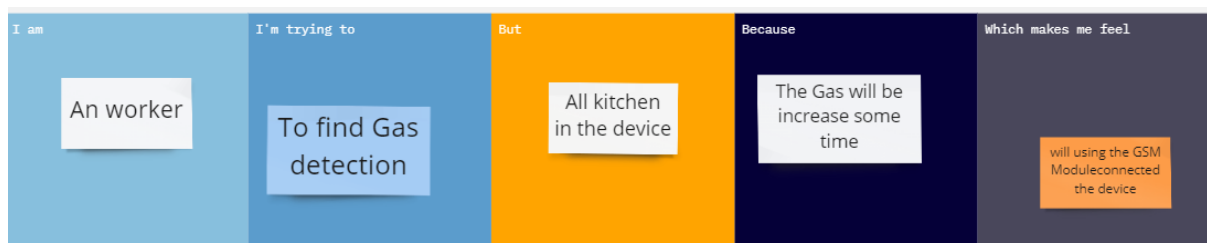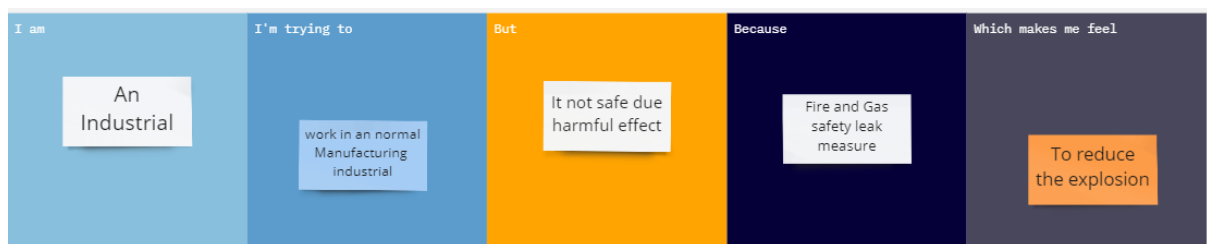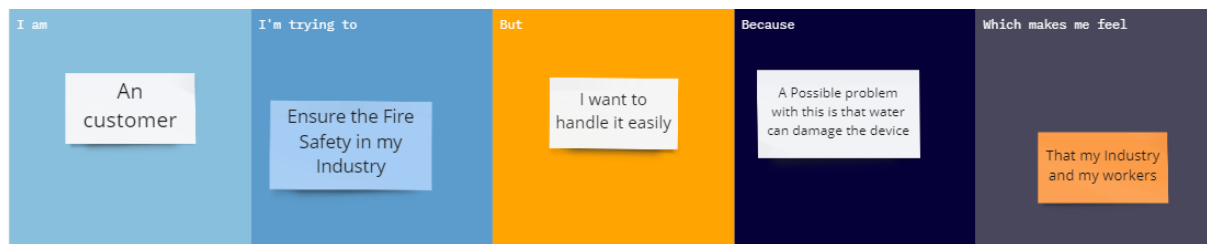
Date	19 September 2022
Team ID	PNT2022TMID45387
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	2 Marks

Customer Problem Statement:

This device does not get damaged very quickly, and if it does get damaged, water is the main reason for it. This device is easily damaged by water. Therefore, this device should be installed in a place where water does not go. This installation will not damage the device, if the device does, an example is water.

This tool is considered to be one and very safe for the users. My members are trusted. My members' invention is considered very safe for this country and its people and their families. Absence of this tool makes women in our country nervous by the spread of gas in their kitchen and is considered to be a sign of some accident. It is also proud to think of this project for people's lives only to eliminate this fear.

Example:

I am	I'm trying to	But	Because	Which makes me feel
An customer	Ensure the Fire Safety in my Industry	I want to handle it easily	A Possible problem with this is that water can damage the device	That my Industry and my workers
An Industrial	work in an normal Manufacturing industrial	It not safe due harmful effect	Fire and Gas safety leak measure	To reduce the explosion
An worker	To find Gas detection	All kitchen in the device	The Gas will be increase some time	will using the GSM Moduleconnected the device

Reference:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
Identify the Gas Explotion and fire in industry	An customer	Ensure the fire safety in my industry	I want to handle it easily	A Possible Problem with this is that water can damage the Device	That my industry
I can avoid the Gas explosion in my industry and keep all my products safe from the fire spread	An Industrial	Work in an normal Manfacturing industrial	It not safe due harmful effect	Fire and Gas safety leak measures	To reduce the explosion
Fire detection Using Arduino uno and flame,gas, servomotor,gas module	An worker	To find Gas detection	All kitchen in the device	The Gas will be increase some time	Will using the GSM Module connected the device