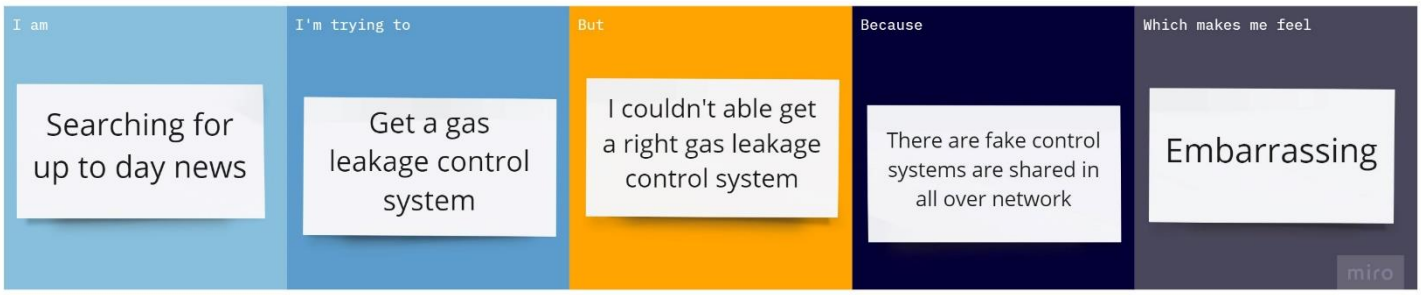
MAHENDRA INSTITUTE OF TECHNOLOGY(AUTONOMOUS)

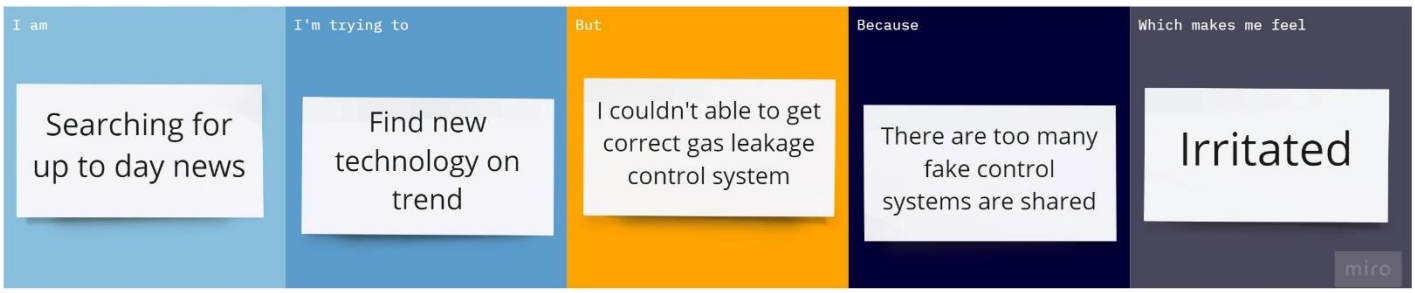
Ideation Phase Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID17245
Project Name	Project – IOT based Gas leakage Monitoring and Altering System
Maximum Marks	2 Marks

Customer Problem Statement:

The aim towards making life simpler by automating every small task around us.As much is IoT helping in automating tasks, the benefits of IoT can also be extended for enhancing the existing safety standards. Safety, the elementary concern of any project, has not been left untouched by IoT. Gas Leakages in open or closed areas can prove to be dangerous and lethal. The traditional Gas Leakage Detector Systems though have great precision, fail to acknowledge a few factors in the field of alerting the people about the leakage. Therefore, we have used the IoT technology to make a Gas Leakage Detector for society which having Smart Alerting techniques involving sending text message to the concerned authority and an ability performing data analytics onsensor readings. Our main aim is to proposing the gas leakage system for society where each flat havegas leakage detector hardware. This will detect the harmful gases in environment and alerting to the society member through alarm and sending notification.





Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Searching for up to day news	Get a gas leakage control system	I couldn't able Get a right gas leakage control system	There is few fake Control systems are shared in all over network	Embarrassing
PS-2	Searching for up to day news	Find new technology on trend	I couldn't able to get correct gas leakage control system	There are too many fake control systems are shared	Irritated

Reference: https://miro.com/templates/customer-problem-statement/