

Ideation Phase

Define the Problem Statements

Date	27 September 2022
Team ID	PNT2022TMID36194
Project Name	Gas Leakage Monitoring and Alerting System for Industries
Maximum Marks	2 Marks

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

I am	I'm trying to	But	Because	Which makes me feel
Gas leakage detector	detect gas leakage	small amount of gases also leads to fire or explosion	they are flammable and act as high source of ignition	dizziness and irregular breathing if incase of low level gas leak

Problem Statement (PS)	I am	I'm trying to	But	Because,	Which makes me feel
PS-1	gas leakage detector	detect gas leakage	small amount of gases also leads to fire or explosion	they are flammable and act as high source of ignition	Dizziness and irregular breathing if incase of low level gas leak