

Ideation Phase

Define the Problem Statements

Date	07 October 2022
Team ID	PNT2022TMID40473
Project Name	Gas leakage monitoring & Alerting system for Industries.
Maximum Marks	2 Marks

Customer Problem Statement:

Mr. Surya is an Industrial labour who works on oil & gas industry. He needs to ensure the safety of all, so he has to work under a particular pressure to avoid mistakes because in these sectors mistakes leads to a serious consequences including the loss of lives and environmental destruction. Due to the pressure on the work and working environment he feels more stressed and risky about his life.

I am	<small>Describe customer with 3-4 key characteristics - who are they?</small>	Industrial labour who works on gas industry.
I'm trying to	<small>List their outcome or "job" the care about - what are they trying to achieve?</small>	Works well and ensure the safety of all.
but	<small>Describe what problems or barriers stand in the way - what bothers them most?</small>	Not able to work focused on all the time.
because	<small>Enter the "root cause" of why the problem or barrier exists - what needs to be solved?</small>	Of feeling tired and pressure.
which makes me feel	<small>Describe the emotions from the customer's point of view - how does it impact them emotionally?</small>	Worried.

Problem Statement	I am (Customer)	I'm trying to	But	Because	Which makes me feel
1	Industrial labour	Work well and ensures my safety	having some fear and pressure on the work	Explosions can occur when flammable liquids or vapours are exposed to an ignition source.	Worried.
2	Industrial labour	Keep my health in a good condition	Facing some physical and mental health damages	Working for long hours in a hazardous environment.	Stressed and insecure.