

Ideation Phase

Define the Problem Statements

Team ID	PNT2022TMID34516
Project Name	Industry-Specific Intelligent Fire Management System

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

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

Example:

I am	I'm trying to	But	Because	Which makes me feel
Customer in industry	Work in an chemical industry	It is not safe due to some harmful hazzard	Fire and gas leak safety measures	To reduce the explosion

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
Identify the chemical explosion and fire in industry	In industry	Work in an chemical industry	It is not safe due to some harmful hazzard	Fire and gas leak safety measures	To reduce the explosion
Fire detection using Arduino and flame ,gas,temperature and e- sensors	In industry/fire located place	To find the fire detection place/location	Some difficult in find location	The temperature will increase sometimes	While using the GPS to find the location