

Ideation Phase

Define the Problem Statements

Date	29 April 2023
Team ID	NM2023TMID06353
Project Name	A Reliable Energy Consumption Analysis System for Energy Efficient Applications
Maximum Marks	2 Marks

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.

The lack of a reliable energy consumption analysis system for energy-efficient appliances hinders accurate assessment and optimization of energy usage in households and commercially.

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



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	customer	Reduce energy consumption	Consumes more energy	Of inaccurate estimations	annoying
PS-2	customer	Optimize the energy	Limits the ability of usage	Of low power mode	frustrated

