

Project Initialization and Planning Phase

Date	June 2024
Team ID	Team-740101
Project Name	Power Consumption Analysis For Households
Maximum Marks	3 Marks

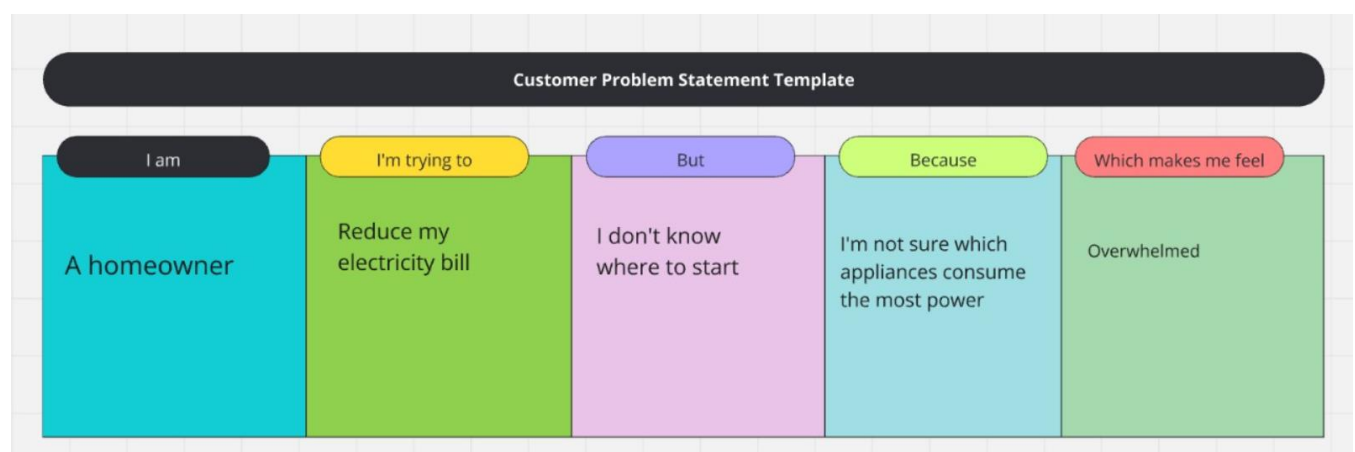
Define Problem Statements(homeowner Problem Statement Template):

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 your customers' challenges. 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" they are after - 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 do they need?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problems or barriers exist - 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

Reference: https://miro.com/app/board/uXjVK2aqlmY=/?share_link_id=534024970903

Example:



Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	An energy consultant	Optimize peak demand management	Demand surges occur unexpectedly	Resulting in higher utility costs	Pressured to find effective solutions
PS-2	A property manager	Identify reasons for sudden spikes	Usage spikes continue without explanation	Leading to increased operational costs	Worried about inefficient energy management