

Ideation Phase

Define the Problem Statements

Date	27 June 2025
Team ID	LTVIP2025TMID36584
Project Name	cleantech: transforming waste management with transfer learning
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.

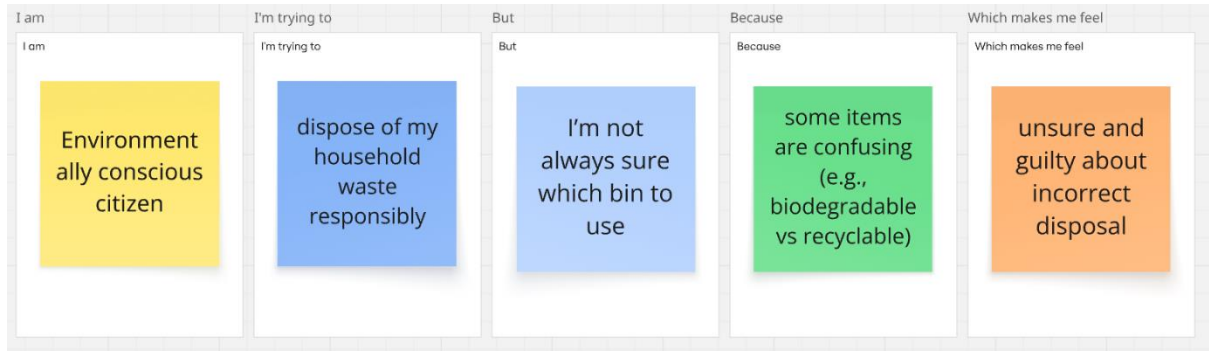
A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

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

Reference: <https://miro.com/templates/customer-problem-statement/>

Example: cleantech: transforming waste management with transfer learning

I am	I'm trying to	But	Because	Which makes me feel
Municipal waste management worker	segregate household waste accurately and quickly	manual sorting is time-consuming and often incorrect	the waste is mixed and there's no automated assistance	frustrated and overworked



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a municipal waste management worker	segregate household waste accurately and quickly	manual sorting is time-consuming and often incorrect	the waste is mixed and there's no automated assistance	frustrated and overworked
PS-2	an environmentally conscious citizen	dispose of my household waste responsibly	I'm not always sure which bin to use	some items are confusing (e.g., biodegradable vs recyclable)	unsure and guilty about incorrect disposal