Define the Problem Statements

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Team ID: LTVIP2025TMID34101

Project Name: Clean Tech

Customer Problem Statement:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement 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.

Reference: https://miro.com/templates/customer-problem-statement/ Customer Problem Statement Template:

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PS-1

I am a recycling center worker.

I’m trying to sort recyclable materials efficiently.

But the process is time-consuming and prone to human error.

Because I have to manually identify and separate different waste types from a fast-moving conveyor.

Which makes me feel overwhelmed, fatigued, and worried about inefficiency.

PS-2

I am a municipal waste management officer in a smart city.

I’m trying to ensure proper segregation of public waste at the source.

But people often dispose of waste without sorting it correctly.

Because there's no real-time monitoring or feedback system in public bins.

Which makes me feel frustrated and helpless in maintaining cleanliness and sustainability.

PS-3

I am an environmental compliance officer in a factory.

I’m trying to ensure correct segregation of industrial waste.

But the waste includes many types and is difficult to monitor manually.

Because current systems lack real-time categorization and oversight.

Which makes me feel concerned about regulatory violations and environmental harm.