Ideation Phase
Define the Problem Statements

Date	26 May 2025
Team ID	LTVIP2025TMID38840
Project Name	Transforming Waste Management with Transfer Learning
Maximum Marks	2 Marks

Customer Problem Statement Template:

To build the right Cleantech solution, we must first understand our customers' real-world challenges. By focusing on the distinct problems of the Waste Facility Manager, the Municipal Director, and the Recycling Business Owner, we can create a system that solves their specific financial and operational issues, making their work more profitable and sustainable. By articulating their distinct problems, we can design an ideal Cleantech system that solves these specific financial, operational, and logistical challenges.
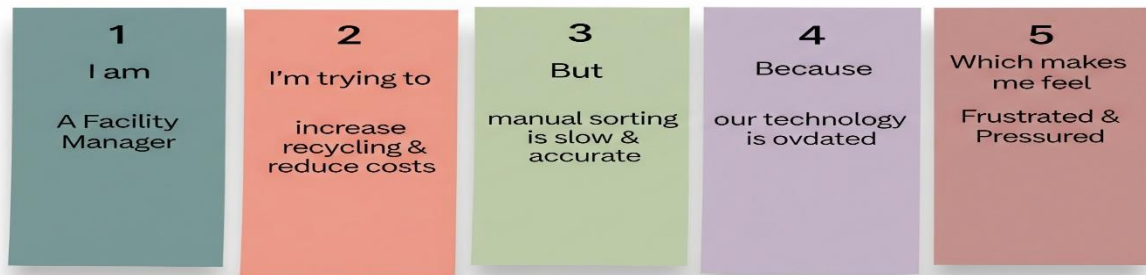
Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Waste Facility Manager in India	Increase recycling & reduce costs	Manual sorting is slow, inaccurate, and contaminates materials.	Our technology is too old for modern, complex waste.	Frustrated & Pressured
PS-2	A Municipal Director	Adopt innovative technology for our city	New AI systems seem too expensive and complex to implement.	The required investment is high, and my team lacks the skills.	Sceptical & Hesitant
PS-3	A Recycling Business Owner	Source a consistent supply of pure, recyclable material	The material I purchase from the facility is often contaminated	The facility's manual sorting process cannot guarantee purity.	Worried about my supply chain and business viability.