Idea on Phase Define
the Problem Statements

Date	1 July 2025
Team ID	LTVIP2025TMID47073
Project Name	Pattern Sense: Classifying Fabric Patterns using Deep Learning
Maximum Marks	2 Marks

Customer Problem Statement Template:

In the tex le and fashion industries, iden fying and categorizing fabric pa erns (e.g., floral, striped, polka dot, geometric) is essen al for inventory management, design cataloguing, quality control, and customer recommenda on systems. Tradi onally, this task relies on manual inspec on, which is me-consuming, subjec ve, and prone to inconsistency.

With the growth of digital fashion pla orms and large-scale tex le produc on, there is a pressing need for an automated, scalable, and accurate method to classify fabric pa erns from images.

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: h ps://miro.com/templates/customer-problem-statement/

Customer Problem Statement

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	food processing plant head	make my workers manually sort to separate the ro en ones from the fresh produce.	this process is meconsuming and prone to human error.	the whole process is in manual opera ons	like frustrated

| PS-2 | Supermarket manager | maintain customer sa sfac on with product freshness | it is difficult to sort manually | the freshness of these products is crucial | like frustrated to sort |