

Ideation Phase
Define the Problem Statements

Date	30 June 2025
Team ID	LTVIP2025TMID32913
Project Name	Pattern sense : classifying fabric using deep learning
Maximum Marks	4 Marks

Customer Problem Statement:

A person trying to classify and manage different fabric patterns efficiently

is struggling because the current process is manual, slow, and often inaccurate.

There's no reliable system that can automatically recognize and sort fabric designs.

As a result, they feel frustrated, overwhelmed, and unable to focus on more creative or productive tasks.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS1	a fashion manufacturer	quickly classify and manage a wide variety of fabric patterns	But the process of manually identifying and organizing patterns is time-consuming and error-prone	Because we rely heavily on human interpretation, which lacks consistency and scalability	frustrated and slows down the production process
PS2	an online textile seller	I'm trying to automatically tag and sort fabric images by pattern type on my platform	But I don't have a tool that can accurately analyze and label fabric images	Because existing systems are either too generic or not trained on textile-specific data	Which makes me feel worried about user dissatisfaction and potential revenue loss