Ideation Phase
Define the Problem Statements

Date	26/06/2025
Team ID	LTVIP2025TMID33042
Project Name	HematoVision-Blood Cell Classifier
Maximum Marks	2 Marks

Section Overview We begin by stating the core challenge HematoVision addresses, then break it down into customer-focused problem statements to pinpoint specific pain-points.

The Problem

Healthcare professionals and students in resource-limited labs spend significant time on manual microscopy to classify blood cells. This process is error-prone, lacks immediate feedback, and no affordable offline AI tool exists to streamline it—leading to diagnostic delays, frustration, and potential misdiagnoses.

Customer Problem Statement (PS) Template

Use this template to frame each problem from the user's perspective:

PS	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A lab technician at a rural clinic	Classify blood cell images accurately	Manual microscopy is time-consuming and error-prone	There is no affordable AI tool available offline	Frustrated and under pressure
PS-2	A medical student learning hematology	Practice identifying blood cell types	I lack immediate feedback on my classification accuracy	Conventional tools require expert supervision	Uncertain and anxious

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