Ideation Phase
Define the Problem Statements

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Team ID	LTVIP2026TMIDS49741
Project Name	HematoVision: Advanced Blood Cell Classification Using Transfer Learning
Maximum Marks	

Customer Problem Statement :

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

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Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I am a medical lab technician / healthcare professional.	Identify and classify different types of blood cells quickly and accurately.	Large numbers of samples need to be analyzed daily, and fatigue can reduce accuracy.	Manual identification under a microscope takes a lot of time and may lead to human errors.	: Stressed, overloaded, and concerned about diagnostic accuracy.
PS-2	I am a patient waiting for blood test results.	Get fast and accurate blood analysis results.	Traditional lab processes are slow and depend completely on manual observation.	There is no automated AI-based system to assist in blood cell classification.	Anxious and worried about delays in diagnosis and treatment.

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