Ideation Phase
Define the Problem Statements

Date	02/02/2026
Team ID	LTVIP2026TMIDS76616
Project Name	HematoVision: Advanced Blood Cell Classification Using Transfer Learning
Maximum Marks	2 Marks

Customer Problem Statement Template:

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 your product or service.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A medical laboratory technician or hematologist examining blood samples.	Accurately identify and classify different types of blood cells from microscopic images.	Manual classification is time-consuming and prone to human error, especially when large numbers of samples need to be analyzed.	Visual inspection depends heavily on expertise and fatigue can reduce accuracy.	Stressed about misclassification, delayed diagnosis, and reduced efficiency in laboratory workflow.
PS-2	Stressed about misclassification, delayed diagnosis, and reduced efficiency in laboratory workflow.	Speed up blood test analysis while maintaining high diagnostic accuracy.	There is a shortage of expert hematologists and increasing workload.	Traditional microscopic analysis requires skilled professionals and manual effort.	Concerned about delays in patient reports and operational inefficiency.