**Ideation Phase**

**Define the Problem Statements**

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| --- | --- |
| Date | 24 June 2025 |
| Team ID | LTVIP2025TMID35409 |
| 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.

Graphical user interface, text, application, email

Description automatically generated

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

**Example:**

Chart, treemap chart

Description automatically generated

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | Pathologist | Classify different types of blood cells in microscopic images | Manual classification is time-consuming, error-prone, and requires experienced professionals | It involves analyzing complex cell morphology with a high possibility of human fatigue or inconsistency | Overwhelmed and concerned about diagnostic delays or inaccuracies |
| PS-2 | Diagnostic lab manager | Implement efficient diagnostic tools for hematological disorders | We lack access to specialized equipment or expert hematologists | The current solutions are either expensive or require extensive manual effort | Frustrated and worried about patient outcomes and operational efficiency |