**Ideation Phase Define the Problem Statements**

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| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID39268 |
| 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.

**Customer Problem Statement:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **I am** | **I'm trying to** | **But** | **Because** | **Which makes me feel** |
| a medical lab technician | detect abnormal blood cells quickly and accurately | I can't classify cell types manually with high precision | I don’t have access to advanced diagnostic tools or expert hematologists | overwhelmed and worried about giving incorrect reports |

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| --- | --- | --- | --- |
| **Problem**  **Statement**  **(PS)** | **I am**  **I'm trying to (Customer)** | **But Because** | **Which makes me feel** |
| PS-1 | detect  a medical abnormal lab blood cells  technician quickly and  accurately | I don’t have access  I can’t classify  to advanced  cell types diagnostic tools or  manually with expert  high precision hematologists | overwhelmed and worried about giving incorrect reports |
| PS-2 | automate  blood smear  a pathology  analysis to  lab owner reduce workload | existing manual I rely on human workflows are experts who are slow and error- limited and  prone overburdened | frustrated and concerned about scaling lab operations |