## Ideation Phase Brainstorm & Idea Prioritization Template

Date	17 July 2025
Team ID	LTVIP2025TMID33900
Project Name	HematoVision:Advanced Blood Cell
	Classification Using Transfer Learning
Maximum Marks	4 Marks

## **Brainstorm & Idea Prioritization Template:**

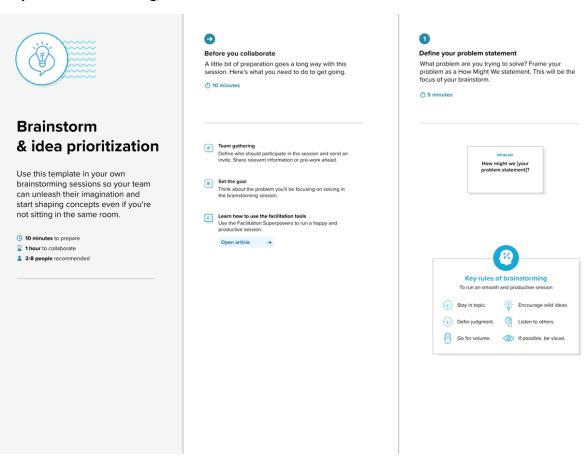
"HematoVision" likely refers to an AI system for advanced blood cell classification, specifically utilizing transfer learning. This approach leverages pre-trained models (like those from ImageNet) on large datasets and adapts them for the task of classifying blood cell images. This can improve accuracy, reduce training time, and potentially overcome limitations of smaller datasets specific to blood cell analysis. The system likely involves image preprocessing, feature extraction using the pre-trained model, and a classification stage, potentially using techniques like Convolutional Neural Networks (CNNs) and fine-tuning.

Brainstorming Ideas:Here's a brainstorming session on potential aspects and improvements for HematoVision:1. Model Selection and Optimization:

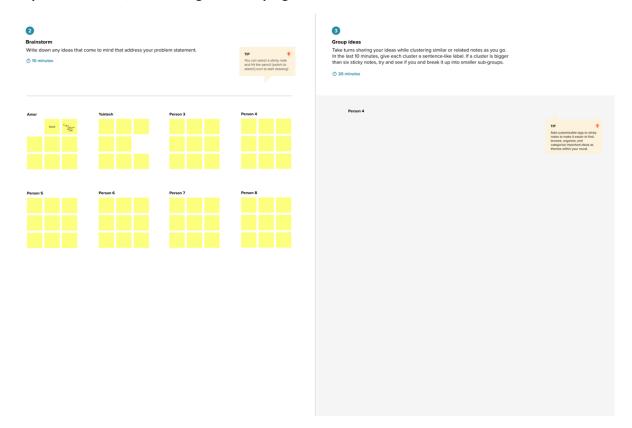
 Explore different pre-trained models: While AlexNet is mentioned, consider other architectures like VGG, ResNet, or even more recent models like EfficientNet, MobileNet, or even YOLO variants for object detection and classification.

Reference: <a href="https://www.mural.co/templates/brainstorm-and-idea-prioritization">https://www.mural.co/templates/brainstorm-and-idea-prioritization</a>

Step-1: Team Gathering, Collaboration and Select the Problem Statement



Step-2: Brainstorm, Idea Listing and Grouping



**Step-3: Idea Prioritization** 

Prioritize

Pour team should all be on the same page about what's important moving forward. Place you'r ideas on this grid to determine which ideas are important and which are feasible.

① 20 minutes

