

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: <https://www.mural.co/templates/brainstorm-and-idea-prioritization>

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



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

🕒 10 minutes to prepare
🕒 1 hour to collaborate
👤 2-8 people recommended

➔

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕒 10 minutes

A Team gathering
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B Set the goal
Think about the problem you'll be focusing on solving in the brainstorming session.

C Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

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1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕒 5 minutes

PROBLEM

How might we [your problem statement]?

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.

Defer judgment.

Go for volume.

Encourage wild ideas.

Listen to others.

If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

TIP

You can select a sticky note and hit the pencil (switch to sketch2go) to start drawing!

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3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕒 20 minutes

Person 4

TIP

Add customizable tags to sticky notes to make it easier to find, remove, organize, and categorize important ideas as themes within your mind.

4

Prioritize

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

20 minutes

