

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	29 June 2025
Team ID	LTVIP2025TMID59822
Project Name	Hematovision: Advanced Blood Cell Classification using Transfer Learning
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:


Hematovision is an AI-driven system designed to classify blood cells from microscopic images using advanced transfer learning techniques. The project leverages the power of deep convolutional neural networks (CNNs) pre-trained on large datasets (like ImageNet) and fine-tunes them on specialized blood cell image datasets. This approach ensures high accuracy with limited medical data.

The primary goal is to automate and enhance the process of blood smear analysis, which is critical for diagnosing a range of conditions such as leukemia, anemia, infections, and other hematologic disorders.

Using state-of-the-art models like ResNet50, EfficientNet, or InceptionV3, the system can distinguish between different types of white blood cells (e.g., neutrophils, lymphocytes), red blood cells, and platelets, as well as detect abnormal or immature cells like leukemic blasts.




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.

[Open article](#) →


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 a smooth and productive session

-  Stay in topic.
-  Encourage wild ideas.
-  Defer judgment.
-  Listen to others.
-  Go for volume.
-  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 icon to sketch/scan to start drawing!

Amar

Yuktesh

Person 3

Person 4

Person 5


Person 6

Person 7

Person 8

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 can break it up into smaller sub-groups.

 20 minutes

Person 4

TIP

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

Step-3: Idea Prioritization

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

