

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	29 June 2025
Team ID	LTVIP2025TMID38816
Project Name	cleantech: transforming waste management with transfer learning
Maximum Marks	4 Marks


#### Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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.

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

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#### 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

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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

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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 could help solve the problem we're tackling in *Pattern Sense: Classifying Fabric Patterns Using Deep Learning*.

*Fabric Patterns Using Deep Learning.*

10 minutes

**TIP**

You can select a sticky note and hit the pencil button to search for a sticky note to start drawing!

**Person 1**

**Use a pre-trained CNN**

Classify the images as valid or invalid using a custom feature pattern extracted from images. Classification accuracy will increase over time.

**Person 2**

**Create a large, labeled**

dataset of images. Use a custom feature pattern extracted from images. Classification accuracy will increase over time.

**Person 3**

**Augment data**

Use a custom feature pattern extracted from images. Classification accuracy will increase over time.

**Person 4**

**Build a lightweight**

model for deployment. Use a custom feature pattern extracted from images. Classification accuracy will increase over time.

**3**

**Group ideas**

Take turns sharing your ideas for *Pattern Sense: Classifying Fabric Patterns Using Deep Learning*, and group similar or related ideas as you go. Once all ideas have been shared and organized, assign a clear, sentence-like label to each cluster. If a cluster contains more than six ideas, try breaking it down into smaller, more focused sub-groups for better clarity.

20 minutes

**TIP**

And customizable tags to sticky notes to make it easy to find, browse, organize, and categorize important ideas as themes within your mural.

## 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

**Importance**

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

**TIP**

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H** key on the keyboard.

**Feasibility**

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)