

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	1 June 2025
Team ID	LTVIP2025TMID34708
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
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

### Step-1: Team Gathering and Collaboration

Tomiodoro

## Poultry Disease Classification

Use this template to classify poultry diseases efficiently through machine learning and a user-friendly interface.

🕒 5 minutes to prepare

👤 5 minutes for testing

👥 1-2 people recommended

### Before you collaborate

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

🕒 10 minutes

#### 1 Team gathering

Ensure 6 small teams 1-2 people  
Self-organizing

#### 2 Set the goal

Ensure the model is clear and the app is running.

#### 3 Learn how to use the facilitation tools

Fit the interface, by uploading sample images and observing the output.

### Define your problem statement

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

🕒 8 minutes

#### PROBLEM

Poultry farming involves numerous diseases, including various types of viral, bacterial, and fungal infections. Often, these diseases are difficult to detect and can cause significant economic losses. The goal of this session is to develop a machine learning model that can accurately classify poultry diseases based on images. This will help farmers identify and treat diseases more effectively, leading to better health and productivity of their flocks.

#### Key rules of brainstorming

To start an efficient and productive session

Stay in topic

Encourage wild

Defer judgment

Listen to others

Go for volume

If possible, be visual

## Step-2: Brainstorm, Idea Listing and Grouping

1

### Brainstorm

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

🕒 20 minutes

Person 1	Person 2	Person 3	Person 5
Build a form to perform	Include a simple upload interface	Use support for 3rd parties & modifiable support	Test the model testing
Engage local, multiple in this staying last-observed	Provide support for mobile & mobile	Store model testing & security	Perform multiple testing

2

### Group ideas

Take turns sharing your ideas while clustering, similar or related: ones as you go. Once all can be grouped, give each cluster a memorable label of 4-6 words. If you're a favorite, try to name it up to smaller -

🕒 25 minutes

Group A: Backend & Model Training	Group C: Future Enhancements
<ul style="list-style-type: none"><li>Build this using Python, TensorFlow &amp; Keras</li><li>Use an existing poultry disease dataset</li><li>Test with local, pre-labeled images</li><li>Perform model testing</li></ul>	<ul style="list-style-type: none"><li>API additions</li><li>Regional language support</li><li>Disease specific learning pages</li></ul>

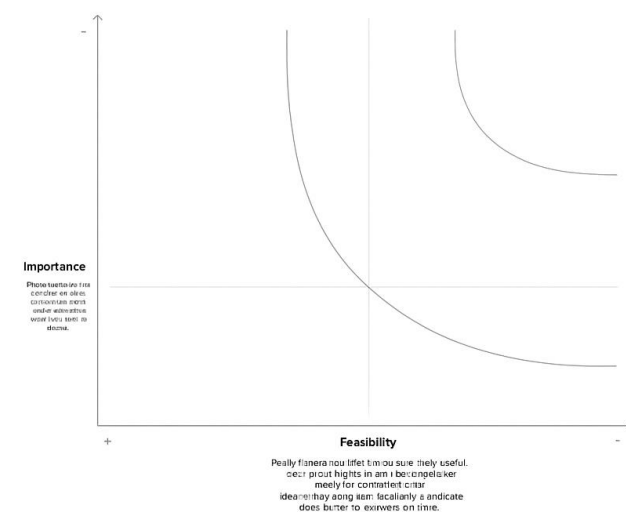
## Step-3: Idea Prioritization

●

### Prioritize

Ensure your team is aligned on what's most important and re-evaluate. Place your ideas on the grid to determine which are most vital and easiest to deliver.

🕒 25 minutes



●

### After you collaborate

Take a screenshot or share the grid with others in your company who might find it

#### Quick add-ons

- 1 Share the mural  
Send over a screenshot or link to links or pdf
- 2 Zoom the view  
Show the team grid

#### Keep moving forward

-  **Strategy blip.int**  
Develop the components of the new design.
-  **User experience journey map**  
Document the organization's touch-points, and relationships.
-  **Strengths, weaknesses, opportunities & threats**  
Contribute on potential project ideas.