

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	28 June 2025
Team ID	LTVIP2025TMID45904
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



### 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 of 1-2 people  
Seminars running
- 2 Set the goal**  
Ensure the model is clear and the app is it running.
- 3 Learn how to use the facilitation tools**  
Filter the interface, by uploading sample images and observing the output.

**1 Define your problem statement**

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

10 minutes

**PROBLEM**

Poultry farming involves numerous diseases, including avian influenza, Newcastle disease, and others. These diseases can cause significant economic losses and pose a threat to food security. The challenge is to develop a reliable and efficient method for early detection and classification of these diseases, allowing farmers to take timely action and prevent the spread of the disease.

**Key rules of brainstorming**

To start an efficient and productive session

- Stay in topic
- Encourage wild
- Defer judgment
- Listen to other
- 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 forum on perform	Include a simple upload interface	Use support for 2d/3d & media support	Test the model testing
Engage local, wildlife in this saving assistance	Provide support for malware & mobile	Store model testing & security	Perform in-situ testing

2

### Group ideas

Take turns sharing your ideas while clustering, similar or related ones as you go. Once all are grouped, give each cluster a more reliable label of 4-6 words. If you're favorite, try to name it up to 5 words.

⌚ 25 minutes

#### Group A: Backend & Model Training

- Build this using Python, TensorFlow & Keras
- Use an existing poultry disease dataset
- Test with local, pre-labeled images
- Perform model testing

#### Group C: Future Enhancements

- API additions
- Regional language support
- Disease specific learning pages

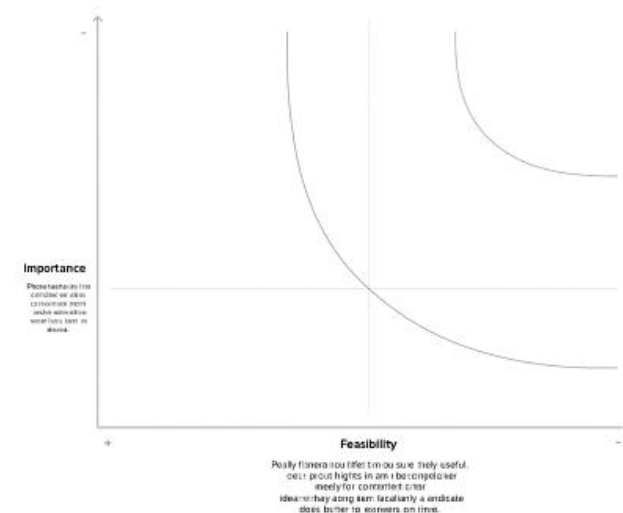
## Step-3: Idea Prioritization

3

### Prioritize

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

⌚ 25 minutes



4

### 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 post
- 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**  
Collaborate on potential project ideas.