

## Ideation Phase

### Brainstorm & Idea Prioritization Template


Date	13 October 2023
Team ID	Team - 591888
Project Name	Dog Breed Identification Using 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.




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


Template



## 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](#) →

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### 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 Statement


How might we develop a robust and user-friendly dog breed identification system using transfer learning with the VGG19 architecture to empower dog owners and professionals with accurate and accessible information about their dogs' breeds?




### 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

**Person 1**

AI-Powered Mobile App

Veterinary Integration

Data Privacy Assurance

**Person 2**

Community-Building Platform

Language and Localization

Breed Health Insights

**Person 3**

Multi-Species Expansion

Data Augmentation

Educational Outreach

**3 Group ideas**

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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

**Cluster 1: User-Facing Applications**

AI-Powered Mobile App

Community-Building Platform

Educational Outreach

**Cluster 2: Integration with Professionals**

Veterinary Integration

**Cluster 3: Breed Information Enhancement**

Breed Health Insights

Multi-Species Expansion

**Cluster 4: Technical Improvements**

Data Augmentation

Language and Localization

**Cluster 5: Data Privacy and Security**

Data Privacy Assurance

**Cluster 1a: User-Facing Applications**

AI-Powered Mobile App

**Cluster 1b: User-Facing Applications**

Community-Building Platform

Educational Outreach

## Step-3: Idea Prioritization

