Ideation Phase
Brainstorm & Idea Prioritization Template

Date	28 October 2023
Team ID	SI-GuidedProject-611456-1698332996
Project Name	Dog Breed Identification Using Transfer Learning
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming is a group problem-solving method that involves the spontaneous contribution of creative ideas and solutions. This technique requires intensive, freewheeling discussion in which every member of the group is encouraged to think aloud and suggest as many ideas as possible based on their diverse knowledge

Link for Brainstorming:
https://app.mural.co/t/empathymapfordogbreedidentif4316/m/empathymapfordogbreedidentif4316/1698593425671/992089fbf1068ea1c52e3be462edc99de26fd744?sender=ufbac058c0ed86d3f24a46657

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 →

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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 assure users that model accurately predicts the breed?

Key rules of brainstorming
To run an smooth and productive session

Stay in topic.   Encourage wild ideas.
Defer judgment.   Listen to others.
Go for volume.   If possible, be visual.

Need some inspiration?
See a finished version of this template to kickstart your work.

Open example →

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

- Giving users, organizing, contents, services, to users and educating them about the model.
- Organize a live session with dog experts.
- Assure that the users privacy and safety is our top most priority.
- Certified by trusted organizations.
- Ensure to add new data to your training set to set better accuracy.

Person 2

- Information about the movement characteristics, health issues, and other requirements of specific dogs as part of the identification process.
- Feedback from users.
- providing information to people who are adapting same breed
- Create a community forum or platform where users can discuss their experiences and share insights about their model's accuracy.
- Design the app in such a way that it is user friendly.
- Specify the sources of data used for training the model and how recent and reliable the dataset.

Person 3

- Educate users on the limitations of the model, such as the challenges in identifying mixed-breed dogs or lesser-known breeds.
- Collaborate with breed experts or organizations to independently verify and validate your model's accuracy.
- Share real life case studies.
- Research into the technology can be very important in identifying mixed-breed dogs by comparing social media apps.
- Ensure the model detect community representation and identity for users to easily discover and create new ways.
- Include a clear disclaimer that the predictions are AI-based and may not be 100% accurate.

Person 4

- Respond to user queries and issues promptly as possible, demonstrating our passion to user satisfaction.
- Assign confidence scores to predictions, indicating the model's certainty for users to see what prediction has a low confidence score.
- Commit regular model updates to adapt to new breeds and variations, improve accuracy, and respond to user feedback.
- Demonstrate our model's competitive performance by comparing it to other cloud identification models, via publicly available datasets.
- Offer explanations for the predictions, highlighting key features that influenced the decision. This could show just how versatile an model is particular prediction.
- Create a community forum where users can discover new experiences and share insights about the model's accuracy.

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 and break it up into smaller sub-groups.

🕐 20 minutes

- Respond to user queries and issues promptly as possible, demonstrating our passion to user satisfaction.
- Feedback from users.
- Certified by trusted organizations.
- Design the app in such a way that it is user friendly.
- Ensure to add new data to your training set to set better accuracy.
- Giving users, organizing, contents, services, to users and educating them about the model.

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?

Design the app in such a way that it is user friendly.

Ensure to add new data to your training set to set better accuracy.

Feasibility

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