


Ideation Phase

Brainstorm & Idea Prioritization

Date	19 September 2022
Team ID	Team-592310
Project Name	Dog Breed Identification Using Transfer Learning
Maximum Marks	4 Marks

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

1

Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

2

Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

3

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

PROBLEM

Find out the breed of the dog using it's picture

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](#) ➡

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Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

🕒 10 minutes

TIP
You can search a sticky note and move it to the place it belongs to. Select, drag to new location.

Rohith Parahmesh

Creating and stroing a CNN model

Use model to deploy a website

Give user login ability

Aryaman Anand

Train CNN by using transfer learning

Label data properly

Use FastAPI

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

TIP
Add a sentence-like label to every cluster to make it easier to find. Remove, reorganize and change your clusters as you're brainstorming with your group.

Label Data

Use transfer learning to train CNN

Use FLASK to retrieve model results

Make a webapp

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

TIP

PARTICIPANTS CAN USE THEIR HANDS TO POINT AT WHERE STICKY NOTES SHOULD GO ON THE GRID. THE FACILITATOR CAN CENTER THE SPOT BY USING THE LASER POINTER HOLDING THE **W** KEY ON THE KEYBOARD.

