

## Ideation Phase


### Brainstorm & Idea Prioritization

Date	02 October 2022
Team ID	PNT2022TMID20771
Project Name	Digital Naturalist - AI Enabled Tool For Biodiversity Researchers
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization:

#### 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.

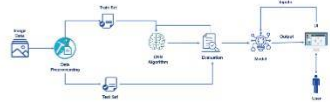
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**1 Define your problem statement**  
What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⌚ 5 minutes

**PROBLEM**

To develop an web application capable of exploring and scan the species either flora or fauna at the same time and to displaying the details about the species to the user.



## 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 select a sticky note on the board, click on it, and then click on the "Pin" icon to pin it to the board.

Poonthamizh B

Biological name of the species.

Animal behaviour

Using features of the bird.

Closely related species.

Species name in other languages.

Detection based on region.

External features as input.

Processing more than one images at a time.

Size of the animal.

How it behaves.

Edibility of the plant.

Colour of the species.

Plant type poisonous or not.

Age of the species.

Height of the birds flight.

Bird sound based.

Height of the plant.

Foot print of the animal.

Behaviour of the species.

Scientific name of the species.

Place in food chain.

Based on the size of the plant.

Endemic species or not.

Flower of the plant.

3

**Group ideas**  
Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

**BASED ON NAME**

Biological name of the species.

Species name in other languages.

Scientific name of the species.

**BASED ON BEHAVIOUR**

Animal behaviour

Behaviour of the species.

How it behaves

**BASED ON FEATURES**

Using features of the bird.

Age of the species.

Flower of the plant.

Foot print of the animal.

**BASED ON APPEARANCE**

Based on the size of the plant.

Height of the plant.

Size of the animal.

Colour of the species.

External features as input.

**BASED ON SURROUNDINGS**

Detection based on region.

Closely related species.

Place in food chain.

Endemic species or not.

**BASED ON NATURE OF THE SPECIES**

Height of the birds flight.

Bird sound based.

Edibility of the plant.

Plant type poisonous or not.

### 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

