


## Ideation Phase Brainstorm & Idea Prioritization

Date	19 September 2022
Team ID	PNT2022TMID54329
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

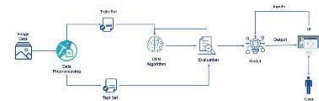
**Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.  
[Open article](#) →

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

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.



```
graph LR
    User[User] --> Input[Input]
    Input --> Data[Data]
    Data --> Processing[Processing]
    Processing --> Output[Output]
    Output --> User
    subgraph Tools
        Tools[Tools] --> Processing
        Data --> Tools
    end
```

## 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 and with the pencil button to sketch (don't start drawing)

#### A KEERTHANA

Biological name of the species.  
Animal behaviour  
Using feathers of the bird.  
Detection based on region.  
Closely related species.  
External features as input.

#### G HARSHAVARTHIN

Species name in other languages.  
Processing more than one images at a time.  
Size of the animal.  
Edibility of the plant.  
How it behaves  
Colour of the species.

#### M J HARIDEEHA

Plant type poisonous or not.  
Bird sound based.  
Age of the species.  
Height of the plant.  
Height of the birds flight.  
Foot print of the animal.

#### A EVANJALI

Behaviour of the species.  
Based on the size of the plant.  
Scientific name of the species.  
Endemic species or not.  
Place in food chain.  
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 and 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 feathers 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

