

Ideation Phase


Brainstorm & Idea Prioritization

Date	27 September 2022
Team ID	PNT2022TMID30160
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

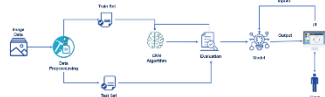
Define your problem statement

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
    Input --> Storage[Storage]
    Storage --> Processing
    Processing --> Storage
    Processing --> Display[Display]
    Display --> 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 left panel, click on the
arrow icon to drag it to the
right panel.

I MARY BENITA

Biological
name of the
species.

Animal
behaviour

Using
feathers of
the bird.

Detection
based on
region.

Closely
related
species.

External
features as
input.

M ABINAYA

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.

S KOWSALYA

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.

C MOUNIGA

Behaviour
of the
species.

Breed 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 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
feathers of
the bird.

Age of the
species.

Flower of
the plant.

Foot print
of the
animal.

BASED ON APPEARANCE

Breed 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

