


## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	04 October 2022
Team ID	PNT2022TMID03402
Project Name	Project – Digital Naturalist - AI enabled tool for biodiversity researchers
Maximum Marks	4 Marks

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

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### 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

Biodiversity is the presence of variability of life on earth that includes different plants, animals and every other living thing. It is a life support system. The process of identifying the species of flora and fauna becomes complicated when tried doing manually thus a digital way of figuring it out would be a hassle-free and it enables to identify them accurately.



#### Key rules of brainstorming

To run a smooth and productive session

🗣️ Stay in topic.

💡 Encourage wild ideas.

👂 Defer judgment.

👂 Listen to others.

🗣️ Go for volume.

👁️ If possible, be visual.

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 hit the pencil (switch to sketch) icon to start drawing!

#### Ganesh K

Closely  
Related  
Species

Ediblenss  
of the  
species

Identify  
poisonous  
species of  
plants

Rarity of  
species

#### Vijaya raghavan V

Biological  
name of the  
species

Interactive  
UI with  
camera  
interface

Date  
Augmentation

Describing  
the threat  
level of the  
species

#### Sudhakeran S

Uses of the  
species

Appropriate  
CNN based  
classification  
model

Origin of the  
species

Accurate  
Results

#### Kishore P

Behaviour  
of the  
species

Image pre-  
processing

Suitable  
Loss fn &  
optimizer

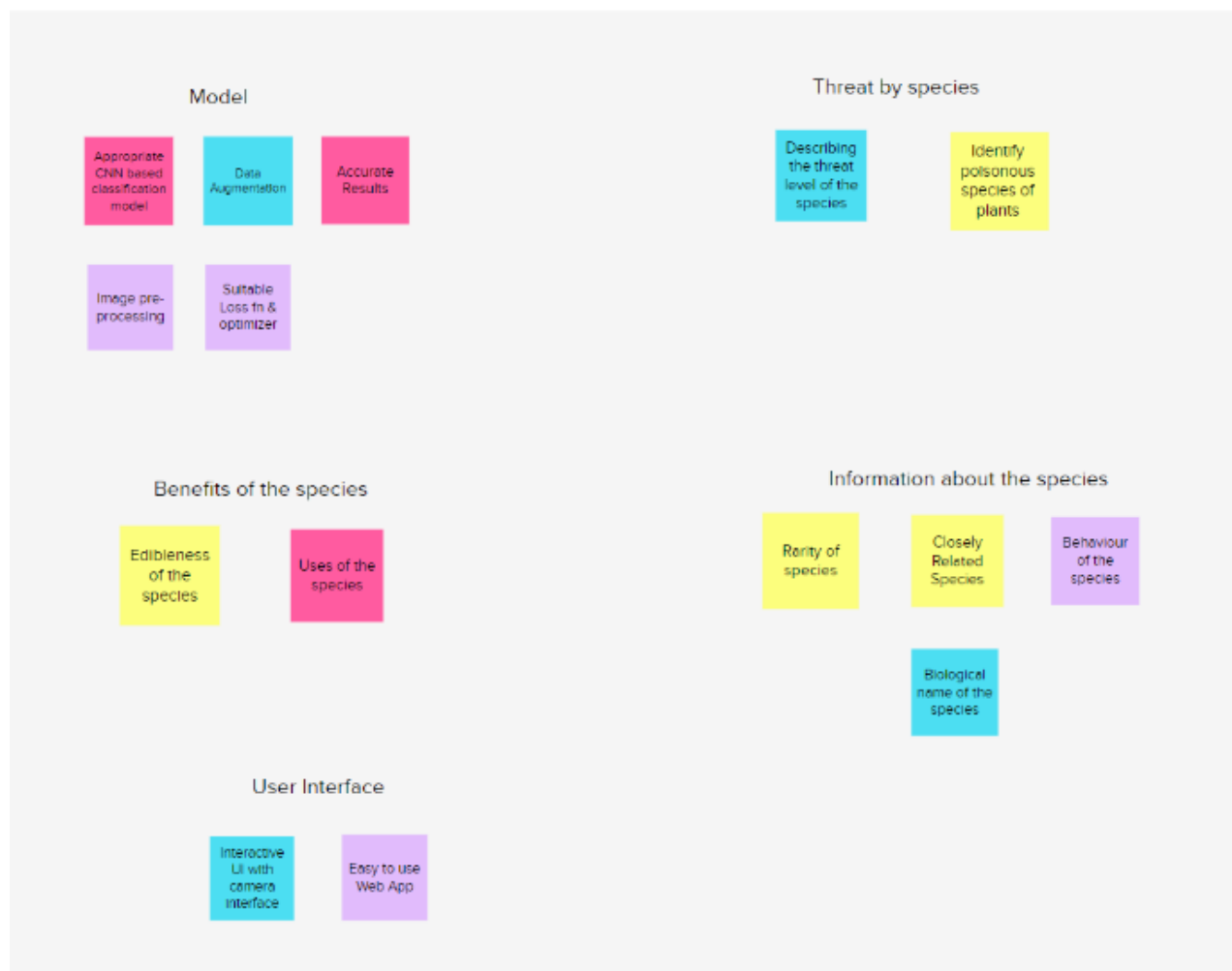
Easy to use  
Web App

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



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



→

### After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

#### Quick add-ons

- A Share the mural**  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- B Export the mural**  
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

#### Keep moving forward

- Strategy blueprint**  
Define the components of a new idea or strategy.  
[Open the template →](#)
- Customer experience journey map**  
Understand customer needs, motivations, and obstacles for an experience.  
[Open the template →](#)
- Strengths, weaknesses, opportunities & threats**  
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.  
[Open the template →](#)

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