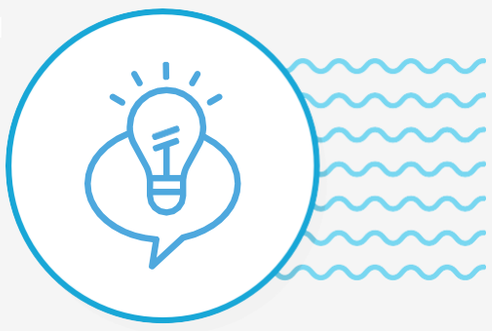
Ideation phase
Brainstorm and Idea prioritization

Date	02 October 2022
Team Id	PNT2022TMID20771
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum marks	4 Marks

Template



Brainstorm & idea prioritization

Digital Naturalist - AI Enabled tool for Biodiversity Researchers

10 minutes to prepare

1 hour to collaborate

2-8 people recommended

Share template feedback

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 STATEMENT

How might we help people identify the biological species of the plants and animals around them?

2

Brainstorm

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

10 minutes

Poonthamizh B

A Local Guide

Trees are tagged with their information

Flora-Fauna Information Crash Course

Send in a team, where each member is a specific domain specialist

Krishnapriya M

Travel archives and encyclopedia

Information boards

Attribute and description based search on google

Prepare before hand by watching travel vlogs

Limasri P

Ask native people

Guess species based on geographic location

Accessing state government tourism portal to know native species

Test for contact poisoning by placing a piece of plant near the skin.

Sneha L

Image based species prediction

Guess the species type based on climate

Be aware of strong, unpleasant, musty odour, as they are indication of poisonous plants.

Find out the type of plant by noticing its venation and flower type.

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

Human guidance

A Local Guide

Send in a team, where each member is a specific domain specialist

Prepare before hand by watching travel vlogs

Ask native people

Test for contact poisoning by placing a piece of plant near the skin.

Intelligent search

Attribute and description based search on google

Image based species prediction

Recorded information

Travel archives and encyclopedia

Information boards

Trees are tagged with their information

Flora-Fauna Information Crash Course

Accessing state government tourism portal to know native species

Educational guess

Guess species based on geographic location

Guess the species type based on climate

Find out the type of plant by noticing its venation and flower type.

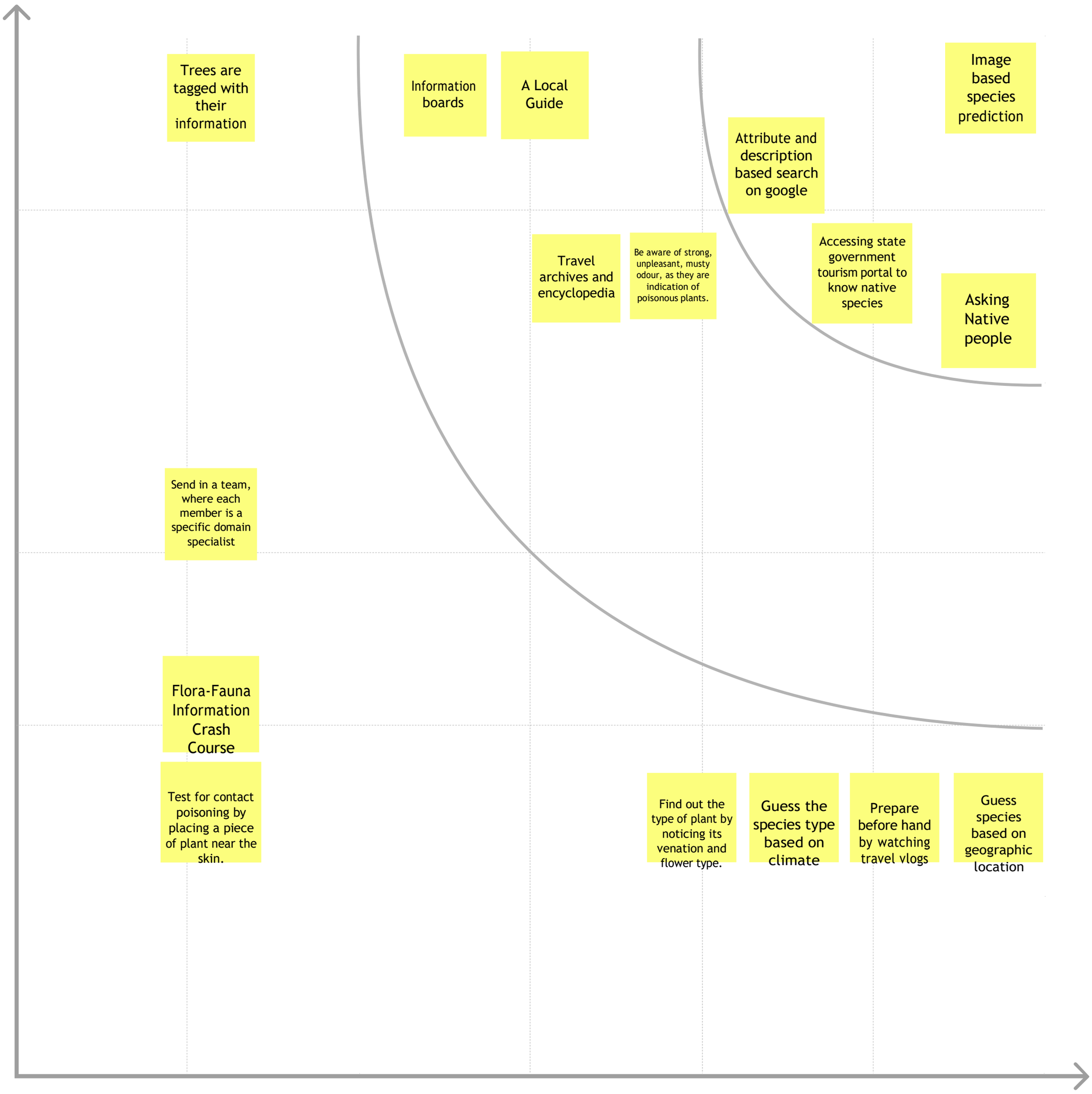
Be aware of strong, unpleasant, musty odour, as they are indication of poisonous plants.

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



Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)