Ideation Phase
Brainstorm & Idea Prioritization Template
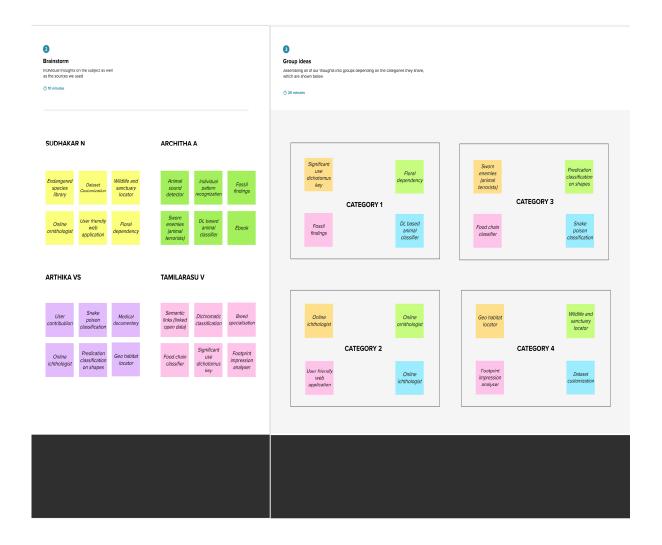
Date	30 October 2022
Team ID	PNT2022TMID31779
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

Individual thoughts on the subject as well
as the sources we used

⏱ 10 minutes

3

Group ideas

Assembling all of our thoughts into groups depending on the categories they share,
which are shown below

⏱ 20 minutes

SUDHAKAR N

Endangered species library	Dataset Customization	Wildlife and sanctuary locator
Online ornithologist	User friendly web application	Floral dependency

ARCHITHA A

Animal sound detector	Individual pattern recognization	Fossil findings
Sworn enemies (animal terrorists)	DL based animal classifier	Ebook

ARTHIKA VS

User contributiion	Snake poison classification	Medical documentary
Online ichthologist	Predication classification on shapes	Geo habitat locator

TAMILARASU V

Semantic links (linked open data)	Dichromatic classification	Breed specialisation
Food chain classifier	Significant use dichotomus key	Footprint impression analyser

CATEGORY 1

- Significant use dichotomus key
- Floral dependency
- Fossil findings
- DL based animal classifier

CATEGORY 3

- Sworn enemies (animal terrorists)
- Predication classification on shapes
- Food chain classifier
- Snake poison classification

CATEGORY 2

- Online ichthologist
- Online ornithologist
- User friendly web application
- Online ichthologist

CATEGORY 4

- Geo habitat locator
- Wildlife and sanctuary locator
- Footprint impression analyser
- Dataset customization

Step-3: Idea Prioritization

4

Prioritize

The significance of the concepts we've noted down, in terms of both their priority and the project's overall goals.

🕑 **20 minutes**

Importance

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

- Breed classification
- Online ichthyologist
- Foot print impression analyzer
- Dataset overrexication
- Online ornithologist
- Fossil findings
- Endangered species library
- Animal sound detector
- User contribution
- Leaf analysis
- Floral dependency
- Ebook

Feasibility

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