


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID21994
Project Name	Digital Naturalist - AI Enabled Tool For Biodiversity Researchers
Maximum Marks	4 Marks

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



Brainstorm & idea prioritization

⌚ 10 minutes to prepare
🕒 1 hour to collaborate
👥 2-8 people recommended

Before you collaborate

⌚ 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.

1

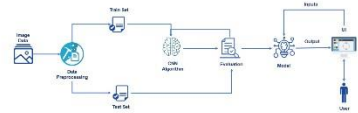
Digital Naturalist - AI Enabled Tool For Biodiversity Researchers

A naturalist is someone who studies the patterns of nature, identifies a different kind of flora and fauna in nature. Being able to identify the flora and fauna around us often leads to an interest in protecting wild spaces, and collecting and sharing information about the species we see on our travels is very useful for conservation groups like NCC.

When venturing into the woods, field naturalists usually rely on common approaches like always carrying a guidebook around everywhere or seeking help from experienced ornithologists. There should be a handy tool for them to capture, identify and share the beauty to the outside world.

Field naturalists can only use this web app from anywhere to identify the birds, flowers, mammals and other species they see on their hikes, canoe trips and other excursions. In this project, we are creating a web application which uses a deep learning model, trained on different species of birds, flowers and mammals (2 subclasses in each for a quick understanding) and get the prediction of the bird when an image is been given.

TECHNICAL ARCHITECTURE:



Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

10 minutes

Person 1

Person 1	Person 2	Person 3
Person 4	Person 5	Person 6

Person 2

Person 7	Person 8	Person 9
Person 10	Person 11	Person 12

Person 3

Person 13	Person 14	Person 15
Person 16	Person 17	Person 18

Person 4

Person 19	Person 20	Person 21
Person 22	Person 23	Person 24

Person 5

Person 25	Person 26	Person 27
Person 28	Person 29	Person 30

3 Group ideas

20 minutes

Group 1

Group 1	Group 2
Group 3	Group 4

Group 2

Group 5	Group 6
Group 7	Group 8

Group 3

Group 9	Group 10
Group 11	Group 12

Step-3: Idea Prioritization

4

Prioritize

 20 minutes

