

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID00893
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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



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.



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

1. Identify the flora and fauna using deep learning techniques and to recommend the related information about them.
2. Provide dataset information for recognized flora and fauna.?



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.



Brainstorm

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



10 minutes

Guna M

endangered
species
library

floral
dependency

online
ornithologist

dataset
customization

user friendly
web
application

wildlife and
santuarios
locator

Devanathan A

medical
documentary

user
contribution

Geo habitat
locator

snake poison
classification

prediction
classification
on shapes

online
ichthologist

Devendran R

ebook

animal
sound
detector

individual
pattern
recognition

DL based
animal
classifier

sworn
enemies(animal
territorials)

Fossil
findings

Dharniselvan H

semantic
links(linked
open data)

breed
specializations

foodchain
classifier

individual
pattern
recognition

significant
use
dichotomous
key

dichromatic
classification

bio-inspired
algorithms

online
ornithologist

leaf
analysis(floral)

season
forecasting
using
migration

delieverables
from animals
after decease

footprint
impression
analyzer

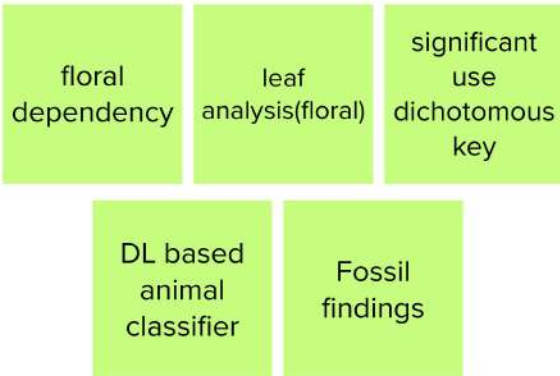
3

Group ideas

Use this space to group similar ideas from the brainstorm. Each group should have a title that describes what the ideas have in common. If a group is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

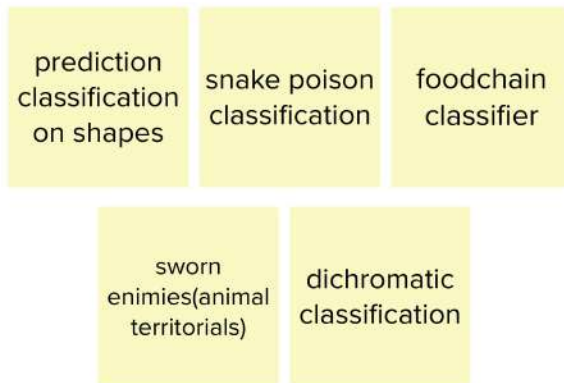
CATEGORY 1



CATEGORY 2



CATEGORY 3



CATEGORY 4



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

