

IBM PROJECT

BRAINSTORMING AND IDEATION



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 species, and collecting and sharing information about the species we see on our travels is very useful for conservation groups like IBC. 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 given.

1 Define your problem statement
What problem are you trying to solve? Frame your problem as a how might be 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 an efficient and productive session:

- Stay on topic
- Encourage wild ideas
- Defer judgment
- Quantity ideas
- Don't evaluate or argue against ideas
- Go for volume
- Push past the first idea

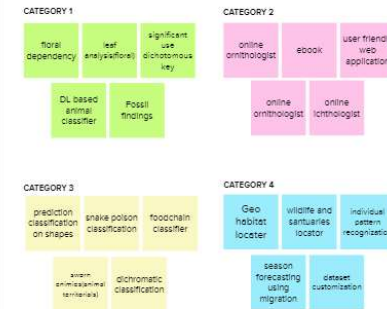
2 Brainstorm
Write down any ideas that come to mind that address your problem statement.

⌚ 10 minutes



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 subgroups.

⌚ 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

