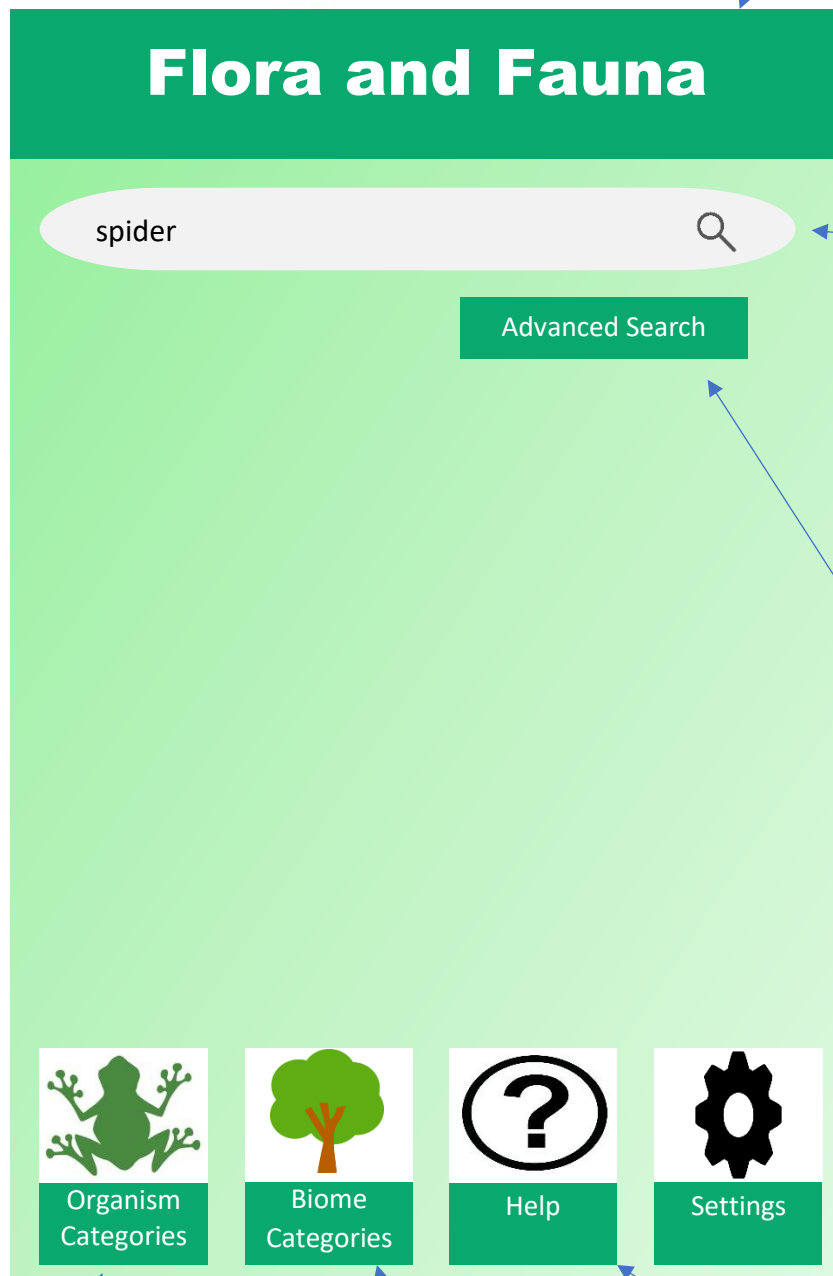


Flora and Fauna Prototype



This is the home screen of the application. The user can immediately perform a search.

Clicking on the banner will return the user to this home screen.

This is the search bar that allows the user to perform a search for an organism or organisms. The user can type in the category of the organism and other descriptors. This will either be a text bar or a drop-down bar.

The advanced search tab allows the user to search for organisms using the scientific names. This includes kingdom, phylum, class, order, family, and genus.

The settings tab allows the user to change location settings. This includes turning off GPS tracking and allows the user to manually set the state that they are located at.

Allows the user to search for organisms by categories. An example of this feature is shown below.

Allows the user to search for organisms by the environment that they live in. An example of this is shown below.


Tells the user how to use the application.

Example of a user search

Flora and Fauna


Search results for "spider"

Filters



Brown recluse (*Loxosceles reclusa*)

Brown recluse spiders are usually between 6 and 20 millimetres (0.24 and 0.79 in), but may grow larger. While typically light to medium brown, they range in color from whitish to dark brown or blackish gray.





Bold Jumper (*Phidippus audax*)

Short description



Hacklemesh Weaver (*Metaltella simoni*)

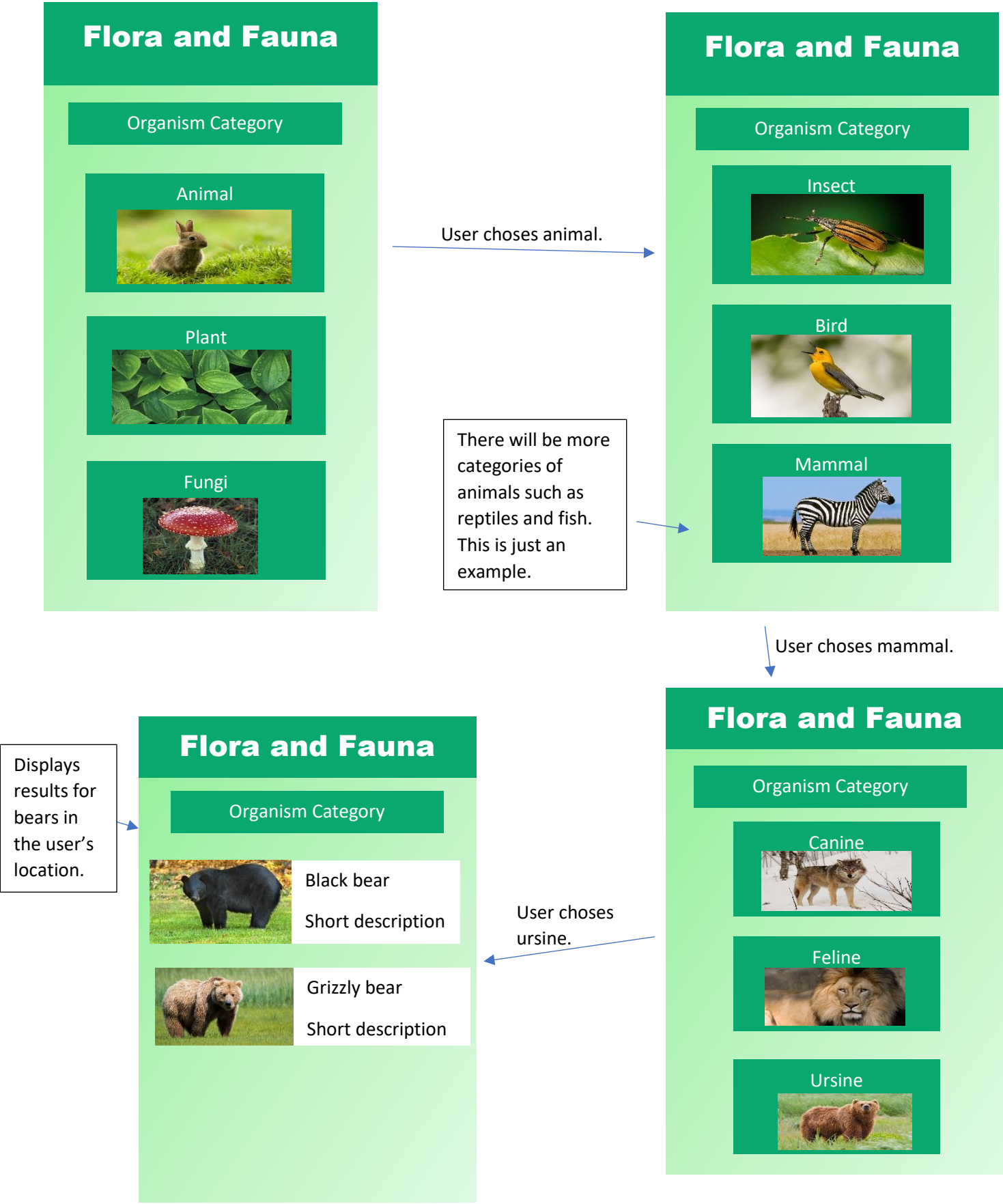
Short description

The user can apply filters such as the color of the organism or its environment to filter out the results.

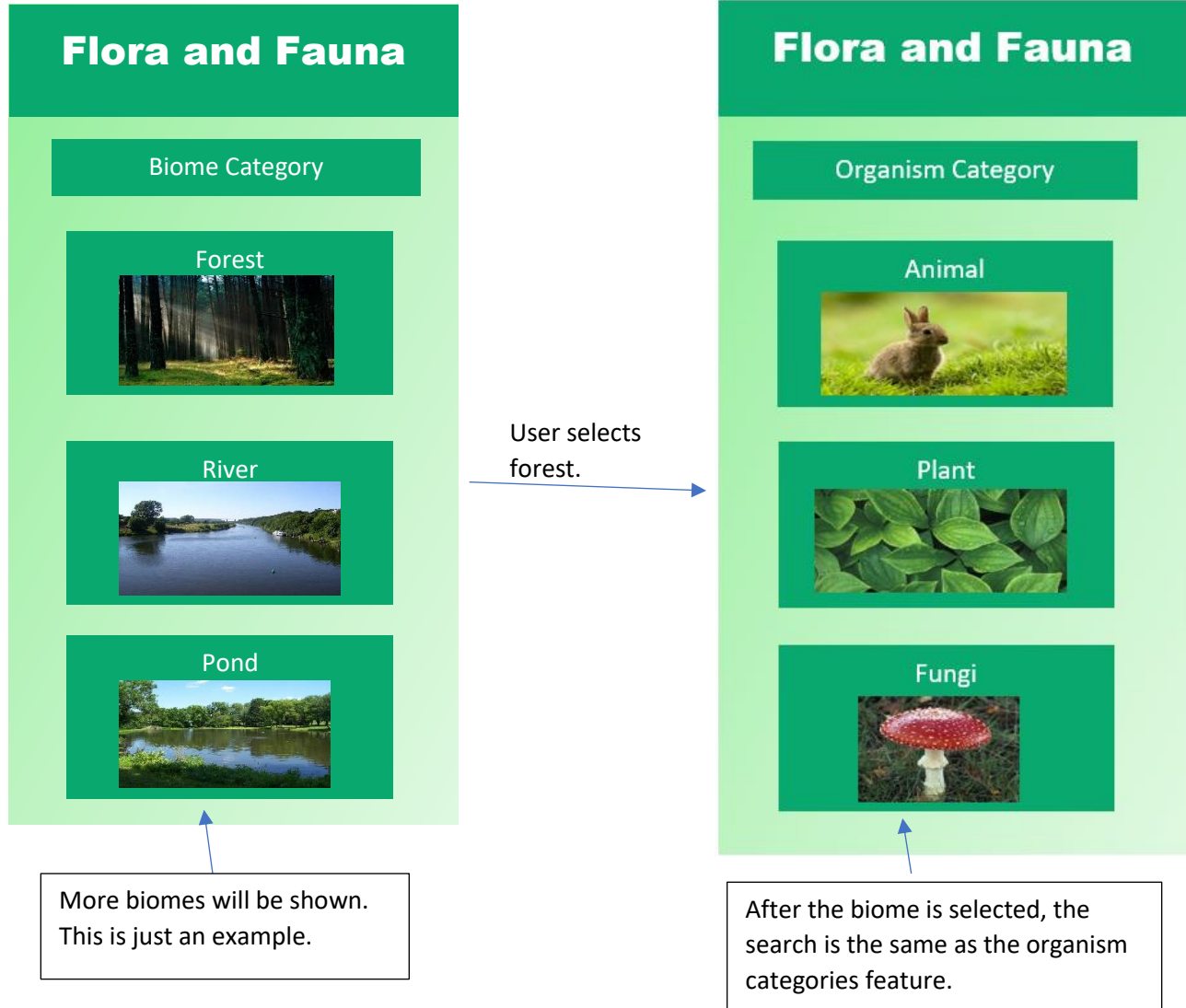
All organisms that match the search will be shown. The organisms will be displayed in their own box. The information displayed will include the common name, scientific name, a short description, a link to the Wikipedia article, and flags that notify the user that the organism is venomous or endangered.

When the user scrolls down, more results will be loaded.

Example of search using organism categories feature



Example of using biome categories feature



Prototype Objectives

The objectives of this prototype are to receive feedback on the features and user interface of the Flora and Fauna application.