1/17/2024

App Idea:
Our app's purpose is to allow sightings of herptiles in Michigan to be documented online. Upon sighting a herptile they can submit a form to report the sighting. These reports can then be viewed in our database in order to aid individuals and organizations in research and other endeavors.

Users:
- Primary Users: Documentors
  - Amateur scientists
  - Wildlife(amphibian) enthusiasts
  - Wildlife preservation organizations
- Secondary users: Record Users/Viewers
  - Construction Planners
  - Teachers
  - Students
- Age
  - Children through elderly
- Technology Expertise:
  - Has and know how to use a smartphone
  - Understands the internet and online forms

App Usage:

Primary Users:
This group of people will submit information about the amphibian or reptile that they found. The user will take a picture and fill out information about the animal. The location and time will be taken automatically from location services on the phone. All submissions from the users will be reviewed.

Secondary Users:
This group of people will be able to look at the uploads of other users and see what animals they are seeing. Most of these people will use this for educational or hobby purposes. These users are not expected to contribute to the database.

Page Header
This will be consistent across different pages and allow users to navigate the app.

Homepage
When the user opens the app, They will be greeted by a home page with a brief description of the app along with options for where they would like to go on the app.

Add record page

This page will allow users to enter a record of a creature they found.
Before being able to log records, the user must sign in. Should be able to store forms for later while offline.

View Records page (if time allows)
This page will allow users to view records that others have recorded.

Map page (if time allows)
This page will allow users to visualize sightings across Michigan counties.

Species List (if time allows)
This page will give information about various creatures that the app can record

Data:
Form data
Account Data
Pictures/Videos
Gps Coordinates
Coordinates/General Weather Data