

Team 1

The Frog Finders

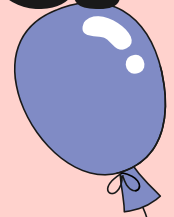
Ben Walby, Gabe Smit, Jake Wilkins, Jane Sinclair,
Katie Ulinski, Spencer Phillips, and Wade Canavan





Sarah Saw a Frog

Scenario 1



Users and Environment



Amateur Herpetologist: Sarah

Demographics:

Age: 25

Occupation: Student

Location: Urban area

Education: Biology major


Behaviors and Goals:

Enthusiastic about herpetology as a hobby.



Loves exploring local parks and nature reserves to observe and document herptiles.

Wants to keep a personal log of sightings, including species, location, and behavior.

Interested in learning more about different herptile species and their habitats.



Outside Sarah's home. She has wifi access and is using her phone



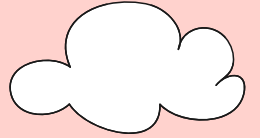
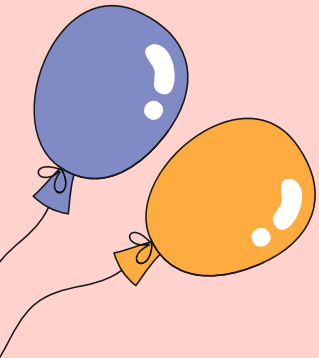
Use Scenario Description - Nominal

1. Sarah sees a Northern Leopard Frog
2. Sarah opens the app
3. Sarah taps "record new finding"
4. Sarah inputs the animal, coordinates where they found the frog
5. Sarah then uploads an image of the frog
6. Sarah presses save and it commits the data








Prototype



LOGIN

 **Herp Atlas**  

LOG IN

Email Address

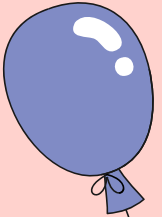
Password

REMEMBER ME

Log In

Forgot your password? Click [HERE](#) to reset it.

Don't have an account? Click [HERE](#) to register.



HOMEPAGE



Herp Atlas



Hello, Sarah!



Record New Finding

Manage Recordings

LOGOUT

RECORD NEW FINDING



Herp Atlas



Animal Entry 1

Add Another Animal

Group*

Species*

Age Sex Disease? # Observed


Time Location




fetches device location

Map for manual input

RECORD NEW FINDING PT2





Herp Atlas



County: Some other info:

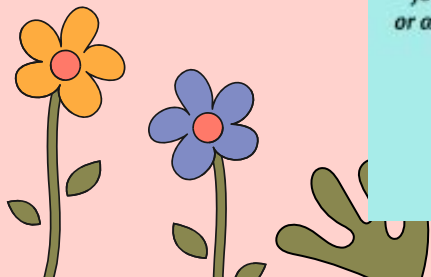
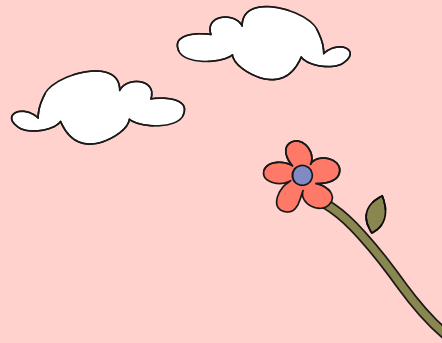
Advanced Details






*Prompts
for image
or audio file*



Expands to more fields




MANAGE RECORDINGS








Herp Atlas

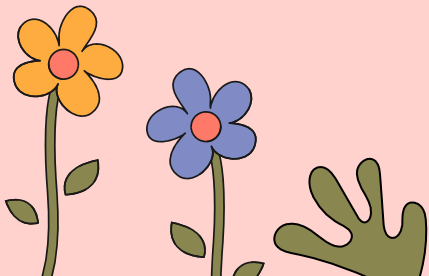
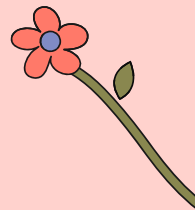


Frame 3

Upload Automatically 

Upload All 

My Record 4	
My Record 3	
My Record 2	
My Record 1	



HELP PAGE



Herp Atlas



Help



How do I upload new data?



SOME TEXT



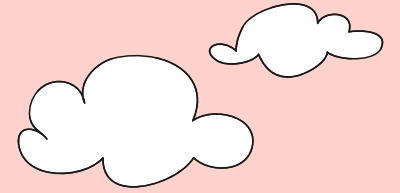
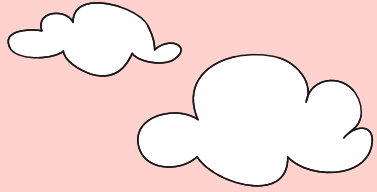
What are my findings used for?



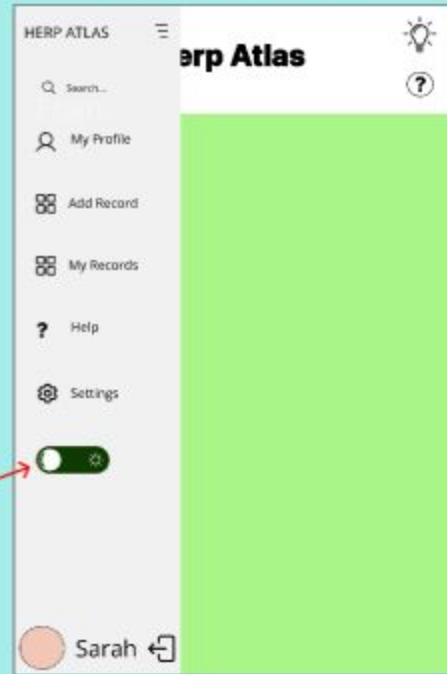
SOME TEXT



SOME TEXT



NAVBAR OPTIONS



Toggle light/dark mode



Usability



Goals

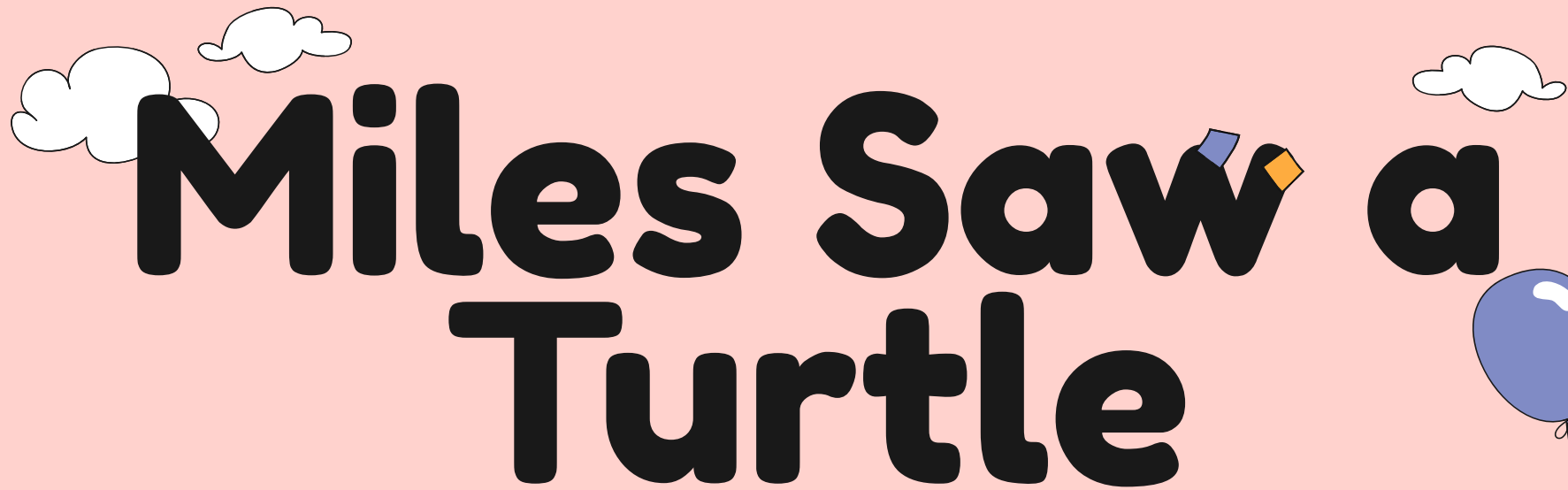
We want our application to be

- Easy to use
- Used offline
- Have a login function

Concerns

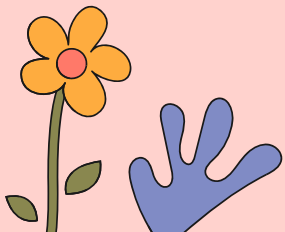
We are worried about

- Working with android
- Our ability to keep users logged in when offline
- Saving forms while offline
- Uploading forms to the database
- User authentication



Miles Saw a Turtle

Scenario 2



Users and Environment



Citizen Scientist: Miles

Demographics:

Age: 40

Occupation: Environmental Educator

Location: Suburban area

Education: Environmental Science degree


Behaviors and Goals:

Engages community members in herptile monitoring projects.



Collects data for conservation initiatives and educational programs.

Needs a comprehensive app to record and analyze data for scientific purposes.

Values collaboration and wants to involve others in the project.



Outside Mile's home. He has wifi access and is using his phone



Use Scenario Description - Error handling

1. Miles sees a Northern Leopard Frog
2. Miles opens the app
3. Miles taps "manage recordings" thinking it was how you add recordings
4. Miles taps "upload all" this uploads all unverified record into the database (very uncool sarah)



The background is a light pink color. In the top left, there are two balloons: a blue one and a yellow one. In the top right, there are two white clouds. In the bottom left, there is a red hand reaching up. In the bottom right, there is a blue hand reaching up. A red wavy line separates the pink background from a green grassy area at the bottom. A blue balloon is on the right side.

Reminder of the help page

HELP PAGE



Herp Atlas



Help



How do I upload new data?



SOME TEXT



What are my findings used for?



SOME TEXT



SOME TEXT

Other app content

- The help page shows the user how to use the basic functions of the application
 - Such as how to submit a record
 - What the findings are for
 - Why the advanced input drop down exists, and how to use it