

# TeamWORK Project Proposal

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*CSCI 3308 Spring 2018*

## **Team Name:**

TeamWORK

## **Members:**

- Joy Mace
- Eliot Ishack
- Jacob Bloom
- Robert Rosetti
- Jun Sheng
- Tuqa Alaithan

## **Description:**

Ever wonder which wild animals might be nearby? Pokemon aren't real but you can pretend that hawk is a Fearow and log him in your personal wildlife journal! Our website will tell you, based on your location, just how safe from nature you are!

See if you can catch (a glimpse of) 'em all!

Our webpage will ask you for your location and then determine local wildlife by fetching data from an API. It will display a list of local animals with descriptions that include their hunting/eating habits, preferred habitat, where and when you might find them, and of course pictures.

Other features we can consider adding:

-A personal journal for users to log sightings of an animal. They might record where/when they saw it, a description, and maybe even a picture they took themselves. (I know uploading data would require extra work).

-A map of the user's location (for reference)

## **Vision Statement:**

To increase awareness and awe of our animal friends, everywhere you go!

## **Motivation:**

Pure curiosity! You never really realize how many animals' habitats are so close to our own!

## **Risks:**

The top risk is going to be making sure we keep in touch frequently so that we don't miss deadlines. Other risks include lack of experience in one tool or another across all team members, availability of APIs specific to our project, permissions that may be required for access to relevant information and time management.

## **Risk Mitigation Plan:**

We need to check the team Slack channels daily for updates. When the GitHub starts accumulating requests we will need to commit to checking that often as well. It may be wise to get actual phone numbers of team members to have a more solid means of communication in cases where time is of the essence. The rest will come either after doing labs/homework for the class, and using our TAs, CAs and professor for guidance as necessary.

## **Version Control:**

We will use GitHub for version control. The TeamWORK GitHub is <https://github.com/mrjacobbloom/teamWORK>

## **Development Method:**

We will use the Agile development method. We have not yet picked a Scrum master, but will do so as soon as possible.

## **Collaboration Tool:**

Team WORK uses Slack to communicate quickly and easily at any time, from anywhere. We have also used Google Docs and Google Sheets to coordinate aspects of this first milestone, and will continue using these throughout the project.

## **Proposed Architecture:**

The front end will be a website using Bootstrap for seamless use among various devices. The backend may be Heroku/Node.js if it can handle databases. We have not cemented that detail yet. The database will be some flavor of SQL which we will need to learn (and that's coming up shortly in lectures).

