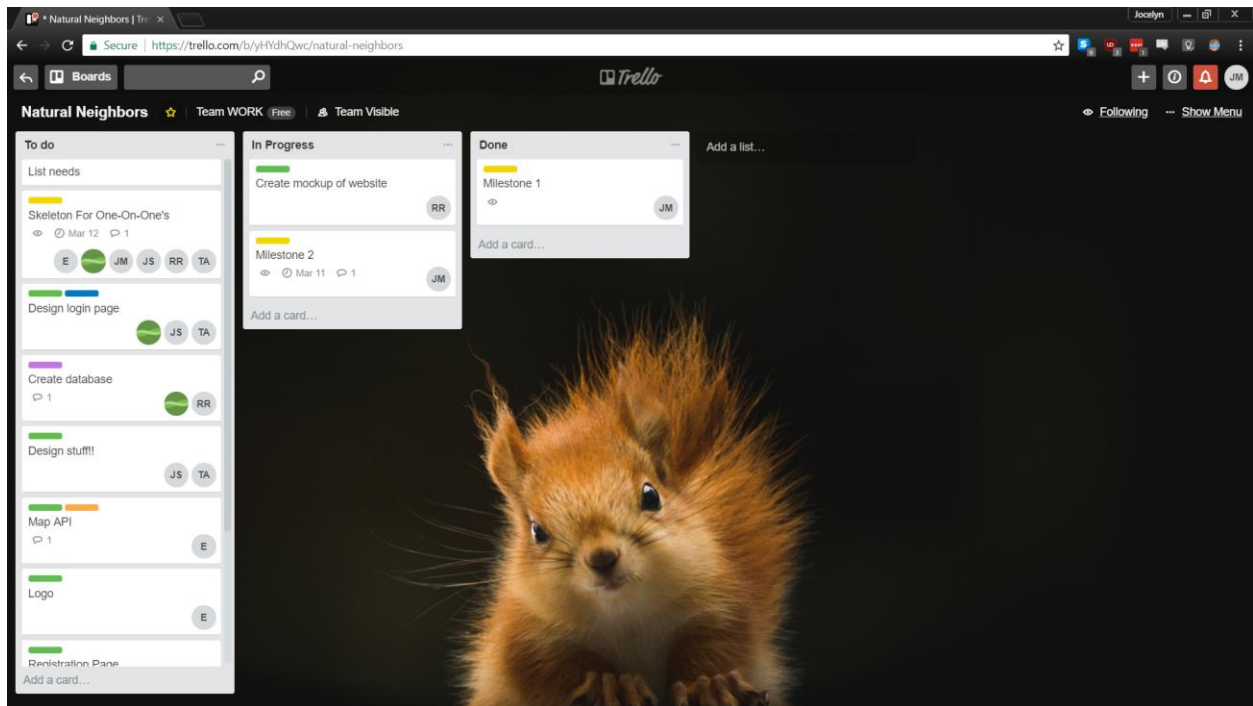# Team WORK Milestone 2

CSCI 3308 Spring 2018

Trello

The project management tool that Team WORK will use is Trello.

Trello is like an online pin board where we can organize our work into "To do", "In Progress" and "Done" task cards. We can add team members to the cards of tasks on which they are working and move the cards to different categories as the project progresses.

Due dates are easily visible and a color coding label system allows us to see which tasks are associated with specific areas of the project such as front-end, back-end and administrative.

Our Trello page is linked to Slack so that we can easily add or edit cards while discussing the project on Slack.

Requirements

The requirements for Natural Neighbors are as follows:

1. Registration/Login page
2. Home Page
3. Journal
4. Top 3 Animals seen by User
5. Most Recent Journal Entries on Login
6. Map Pins
7. Help Page
8. Database of users
9. Database of user generated content
10. Map API pulls

The very first thing a user sees upon landing on our webpage is a Registration/Login page with a simple form and some information about what our page is and does.

Once a user registers and logs in they will go to their homepage that will show their 3 most recent Journal Pages comprised of log entries of animals they've seen recently. A link to the full Journal and to a new entry form will be available on this page.

Part of the Journal entries will be a map upon which a user can drop pins indicating the location of the animal they saw. The map will save the pins so that each time a user logs in to their home page the map is visible to them.

The user can see the top 3 animals they've seen in an area on the homepage.

First time users will be sent to a Help Page upon registration where they will see a simple tutorial on Journal Entries. A link to the help page will be available throughout the website.

We will need to keep and maintain a database of our users' login information to facilitate the rest of the site's functionality. We will also need to keep a database of the user generated content (journal entries) so that a user can look back on their adventures any time they want.

The goal of this website is to be a seamless sighting to journaling experience so the design will be simple and fun.

Stretch goals include allowing users to upload photos of the animals and allowing users to make their journals public and searchable.

Meeting 2

03/06/2018

Present: Everyone

Questions:

- What are the Requirements of our project?
- Which Project Management tool should we use?
- How should we assign tasks?

Answers:

Requirements

- "Streamlined user experience"
- The homepage will feature a form that can be used to register or login to an existing account.
- After registration/login user is taken to their Journal
- Journal entries will include date/time/location/animal sighted with option for text entry
- Database will include user journals (stretch goal: user uploaded pictures)
- Stretch goal share journals/see other journals
- API: Google Maps
- Users can drop pins on a map for animal sighting locations
- Users can see top 3 animals they've spotted
- Users can see 3 most recent Journal entries on Homepage

Chatter

- Let user keep a log of animals they've seen based on animals that are known to be in an area, Online Journal, user upload of either pictures/description, date/time
- Robert *really wants* Facebook for Dogs
- ~~iNaturalist api: pulling from database of animals~~
- ~~4~~ One things from API: ~~Pictures, Animals by location,~~ Map (Google? Or RGIS?)
- Live search of animal? Super hard?
- Security for passwords?

- User stories?
- Robert made a mock up!
- Jacob handled Trello set-up!

Trello and Tasks

Eliot on maps: Can we drop pins on the map? Use GIS collector app, use RGIS online to port map?

Tuqa and Jun on interface: Need database form (front end), Want login/finder/journal entry, Home page should have the login or register area, Link to My Journal

Jacob on server: Using industry standards for databases: SQL. Need embedding of map, javascript side

Robert on Database: Get database designed

Jacob is connecting form to the database, will work with Robert

Joy Scrum master/Project Manager/Float

Number of Sprints
We should need at most 2 sprints, but 3 if the last one is shorter than 3 weeks!

Next Meeting
Tuesday, March 13, 2018