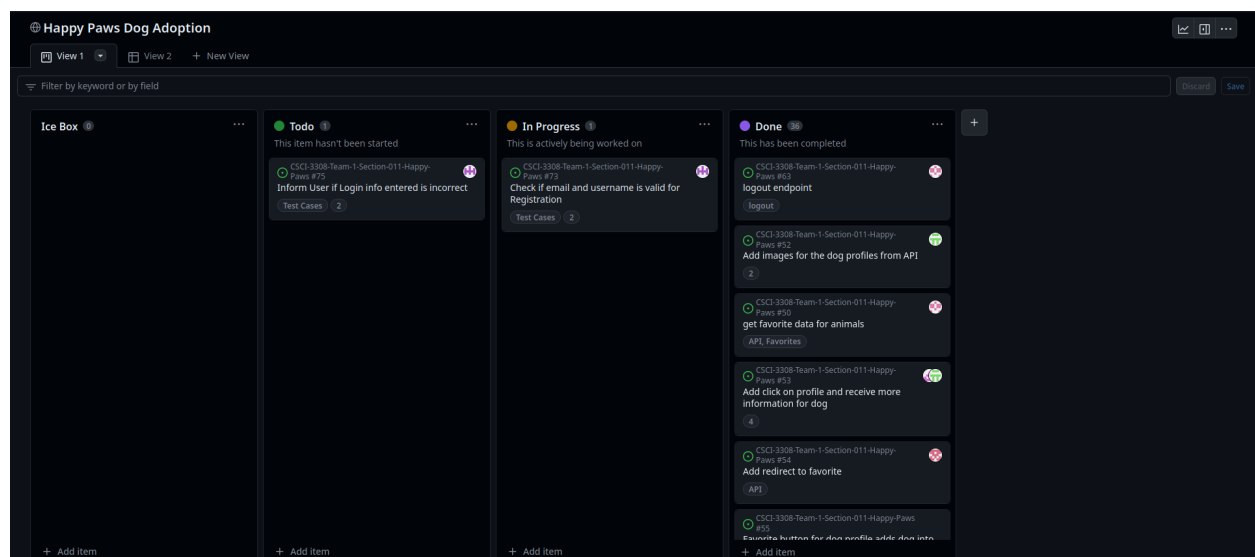


Title: Happy Paws Dog Adoption

Who: Ethan Frederick, Garrett Weber, Reiland Domingue, Zack Carlstrom, Bill Martynowicz

Project Description: At Happy Paws, one is able to search through adorable dogs, and find the perfect dog to adopt. Here, one can create a unique profile, view dogs which are of interest, and gain additional info to contact the owner. One can register with their email and password, and may also choose to share the state they live in, as well as their first and last name. The Discover Page will show a multitude of dogs, each of which can be adopted. One feature is the favorite button, in which a user can favorite the best pet. All favorited pets are stored in the Favorites Page. In this page, users can find more information about a pet, as well as where and how to adopt the pet. Overall, Happy Paws hopes to give an easy, simple way to allow users to find pets to adopt.

Project Tracker: [Github Projects](#)



Video: [Happy Paws Website Demo](#)

VCS: Github <https://github.com/Redo1841/CSCI-3308-Team-1-Section-011-Happy-Paws>

Contributions:

Ethan Frederick: Main developer for Profile Page. Assisted with the Application Testing in writing test cases. Took some HTML from Registration and implemented it into a readable format in Profile. Used a get API and post API to register the page and update user info if new info is inputted. Added registration implementation with the database using optional info in. Made sure valid email and password is entered into the database.

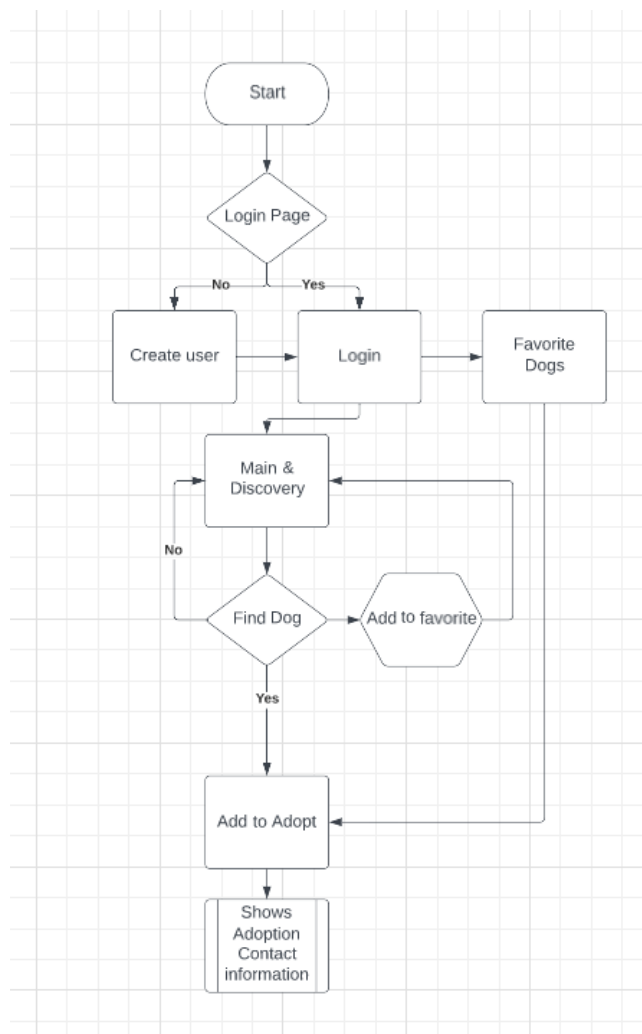
Garrett Weber: Main developer for the API endpoints Login, Register, Discover, Dog. Integrated with databases on Login, Register, Dog and Add favorite. Added data validation to register. Did integration for authentication on the Petfinder API. Used Petfinder API with Axios on Discover and Dog pages.

Reiland Domingue: Main developer for database and favorites page. Created endpoint for rendering favorites page and integrating into page. Integrated get favorite with database. Assisted in delete favorite endpoint. Used petfinder API with Axios on the favorites page.

Bill Martynowicz: For this group project the work I did consisted solely of front-end tasks. I created the navbar, footer, and company headbar that appears on each page. The footer uses icons that link to various social media accounts I created for this project. Along with that I was the main designer and was responsible for making sure the website was visually appealing and reflected the goals of our project. Along with Zack, I helped work on some of the front end implementation of the data we obtained from the API in the dog cards and the dog profiles.

Zack Carlstrom: My duties on the project mainly consisted of front-end tasks. For the login and register pages, I created the forms and worked on spacing and other visual design elements. I created the front end to display error messages related to registering and login as well. On the discover page, I created the grid layout and card design. I also used EJS to load data from the Petfinder API to the front end, such as pictures and names. I created the individual dog profile page and implemented data from the back end, similar to the discover page.

Use Case Diagram:



Test Results:

Test 1:

User should be able to register:

- The user had to make 2 attempts since first password did not pass validation
- User was able to successfully register

User should be able to login:

- User logged in successfully

User should be able to favorite dogs:

- User was able to successfully favorite dogs

User should be able to view dog profiles:

- User was able to successfully view the dog profiles
- They thought a back button might be useful but was able to navigate back to favorites page easily

User should be able to unfavorite dogs:

- User was able to successfully unfavorite dogs

User should be able to logout:

- User was able to successfully logout

Final thoughts:

- User found the UI was helpful and was able to complete the tasks with no additional instruction
- Their behavior was consistent with the use cases and never deviated from the expected actions

- They brought up a suggestion for a back button but we decided against implementing this since you can easily click favorites to get back as the user had done
- User felt that the website felt intuitive and easy to navigate through

Test 2:

User should be able to register:

- The user only had to make 1 attempt since first password did not pass validation
- User was able to successfully register

User should be able to login:

- User logged in successfully

User should be able to favorite dogs:

- User was able to successfully favorite dogs
- However, there was an issue with the loading of dogs in the favorites page, the formatting had been accidentally changed when favoriting more than one pet.

User should be able to view dog profiles:

- User was able to successfully view the dog profiles

User should be able to unfavorite dogs:

- User was able to successfully unfavorite dogs

User should be able to logout:

- User was able to successfully logout

Final thoughts:

- Incredibly important error was found with the loading of the favorites page.
- The user acted as expected, they were able to successfully log in on their first attempt, and favorited the dogs which they liked.

Test 3:

User should be able to register:

- The User tried multiple invalid emails, even one including a period and an @, but it came back as invalid. Only when the user inputted a valid email did it go through.
- The User did use numbers as his first name and last name, may need to see if this is important.
- User was able to successfully register

User should be able to login:

- The user tried different login and passwords,
- User logged in successfully

User should be able to favorite dogs:

- User was able to successfully favorite dogs

User should be able to view dog profiles:

- User was able to successfully view the dog profiles
- The user was very satisfied by the ability to see contact info, and he felt this was convenient and useful.

User should be able to unfavorite dogs:

- User was able to successfully unfavorite dogs

User should be able to logout:

- User was able to successfully logout
- Even though the User spammed the Log Out button, it simply loaded the login page.

Final thoughts:

- When viewing the profile page, it was noted that the state was not in the profile's information, and this is an important error to fix.
- There was a small error with Profile, in which the box for last name had "Email", this is a quick fix
- Since the First and Last Name do not have much merit on the other features implemented so far, using numbers rather than a name is fine. First Name and Last Name can identify more as usernames, in which users can enter whatever they prefer.
- The user took multiple attempts to mess around with the application, most failed but there are a few necessary implementations for the project.

Test 4:

User should be able to register:

- User was able to successfully register

User should be able to login:

- User logged in successfully

User should be able to favorite dogs:

- User was able to successfully favorite dogs

User should be able to view dog profiles:

- User was able to successfully view the dog profiles
- Here, the user commented on feeling happy with the experience. He thought the layout was intuitive, and did not find any issues while favoriting dogs, or viewing any of the dog profiles.

User should be able to unfavorite dogs:

- User was able to successfully unfavorite dogs

User should be able to logout:

- User was able to successfully logout

Final thoughts:

- There were no issues discovered while the test was being run, it seems the user was content with the experience. The project is likely on a great trajectory from this point on!
- The user acted as expected, with a line of thinking that made the website design helpful.

Deployment:

<http://csci3308-110-1-demo.eastus.cloudapp.azure.com:3000/>