

PuppyCorps

Overview:

Our innovative idea is a website that allows 5-college students who have dogs on campus allow people to hang out with their dogs by creating events. Events range from petting dogs, going on group walks, games, etc. Users (ie people who visit the site and people who make a free account) can view all these events on a map (the dashboard).

Team Members:

Thao Phan, github: thiphan1177

Colin Lee, github: colinlee81

Arthur Normand, github: Normana10

Jared Yeager, github: jdyeager

Github repository: <https://github.com/normana10/CS326TermProject/>

Design overview:

When logged out, the rightmost button on the nav-bar takes a user to the login page. Logged out users can log in, create an account, find an event, or go to the dashboard. After logging in, the user is taken to the dashboard. When logged in, the rightmost button on the nav-bar logs the user out. Logged in users can log out, check/edit their account information, create an event, find an event, or go to the dashboard. After logging out, the user is taken to the index. Interaction wise, it's just updating the data when the user filled out their forms that we're having trouble with which you'll read more about in our Problems/Successes.

Problems/Successes:

Extending the User presented some difficulties. A bijection between users and owners had to first be manually created in the database. Then all username, email, and name information associated with each owner was removed and then added to the corresponding user. Another problem was getting our data from the forms sent back to the server. It's taken much longer than we expected so we're going to meet up and figure this out. In addition, another issue is with the overall design of the website. We still have to clean up the look of the site, change the dashboard, and make it so that when user's go on the site and decrease the size of their window, that the site page's divs and all the info in them doesn't look weird because right now, it does :(

Team Choice:

As it stands, the big thing we are considering is adding search functionality, so that users can search for events based on criteria. Given this may be insufficient in scope, we are also amenable to the idea of searching for users and pets. This would mean we would have the user's data become profile pages. We were thinking of having our account be so that users could upload pictures so that viewers could see what they and their pets look like. Adding in a forgotten password system is also under consideration.

Jared's Write-Up:

My contribution this time around was basically the authentication system. So that included fixing up the models and database so our Owner class extended User, moving the login and making the logout pages, making the ability to log in and out, fixing up all the template nav-bars to have proper links to the login and logout functionality, and having different nav-bars on certain pages depending on authentication status. Also worked with Thao to fix the database (had to re-add usernames, names, and emails to everyone). So, given this assignment consists of authentication, forms, and misc (write ups, git management, other tasks, etc), and I took the first, I'd say I did about a third of the work. Call it 30-33%. That said...I did it so that I could front load and feel less pressured about that end rush.

Colin's Write-Up:

My contribution primarily consists of the forms; I have attempted to get the "create event" page to update the database and add the event with all relevant information, but error after error has occurred, and as of this writing I will be unable to finish this piece of the project

I have added forms.py and modified the create event html page and views.py in my attempt to make form functionality work, and I have conducted research into setqueries that we will need in order to properly retrieve user-relevant information, such as assigning owners to events. I'd say I've done about 15% of the work.

Arthur's Write-Up :

I made the map on the create event page. This allows the user to select a point on the map for the location of their event. I also added the button that allows the user to use their current location. Clicking the button also updates the marker on the map. These values directly allow the maps on the homepage and the dashboard to display events in their proper locations. I also modified the logo at the top of the page so that if you are not logged in, it will direct you to the homepage and if you are logged in it will direct you to the dashboard. I did a small amount of CSS touchups. I'd say I've done about 18% of the work.

Thao's Write-Up:

For this project, I worked on two of the forms, Create Account and User Info, and continued working on the user interface's look. I tried to fix the navbar by making the font size of the buttons smaller, but the nav bar is still oriented oddly when a user reduces the size of the window. I haven't had as much time to work on Project 3 as I would have liked because of projects and assignments for other classes, but I will work on this project a lot more because I really want it to turn out well. My end goals are to get the forms to send data back to the server and saved, and have it so that when users update their data and view it on their account, that it is the updated information. A fellow teammate is also working on the other half of the forms, so I am planning on meeting up with him so that we can work on this issue since he can't figure it out either. Another end goal is to get the user interface polished up because not only does the nav bar have issues, but the other pages have issues too. Namely, when you reduce the size of the window to a smaller size, the divs become oddly minimized. They just don't look right. They look smooshed. I'm going to fix this. And the dashboard needs to be polished up too. Percentage wise, I feel like I've done 15% of the work which I don't like so I really need to step it up and contribute more for the sake of my group and our project!