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).

Since project 1, our changes include the following:

- We now have a django admin site in which to retrieve data
- We have a new data model (Breed) and we are working on adding at least one more (Location?)
- We have a better map with working features

Features we want to add in the future include the following:

- One more location model
- Better css styling to our pages, especially the dashboard, the uses bootstrap
- a login system
- a messaging system so users can contact each other
- a feature that allows users to create events for their pet services. Services include things like 'doggy hair cuts', 'doggy day care', 'dog walks', 'pet sitting'. This would be monetized.
  - We might use virtual currency or a real currency system. If we do this, we might want users to be able to write reviews for the person's pet service.. All users will be able to read the reviews.

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:

In Django, you will see the Pet, Breed, Owner, and Event models implemented. The important url routes include all the ones connecting to our html pages. The implemented views include those as well, however, we haven't yet gotten all the data in the database to show up on those pages yet so that will be for a future submission. The implemented UI views include the dashboard page having the data from the django show up, and an interactive map courtesy of one of our team members.

Problems/Successes

Problems:

- A problem was lack of consistent communication – in particular with responses. I'd email my teammates with updates on what I did, ask for input, and tell them what I still need to do and what I need help on. Only one member responded. I want to hear back from all of them so that I'm aware of which parts they're working on.

Successes:

- We were able to get the data from the admin database onto our html pages!
- We were able to get a map with a search bar where users can input an address. This will return to us coordinates (not saved yet! But will be soon!)
- We met up and worked as a team, helped each other and discussed logistics
- We have a data model diagram

Arthur Normand's Write-up:

I wrote a portion of the index/about-us page and the dashboard page. I also was the one who learned the Google Maps API and got the maps to be dynamic on both those pages. So now if you go to the index page, you will see that there is a map that has all the dynamically created events on it. You can click on each in order to get more information about it. I also was the one who added the map to the create event page, this allows you to pick a point or search for an address and then the coordinates are placed into the location field. Then you can create an event using those coordinates as the location. This will add the event to the list of events and also place it on the map for everyone to see. I would say I did about %20 of the overall work. Though I can't be sure as I don't know exactly how much work everyone else did when I was not there.

Colin Lee's Write-up

For this part of the project, I wrote the Django and html code that lists events in the dashboard. This simply retrieves all the events currently in the database and displays them under the map. Jared largely researched how to do this; I simply implemented it for the dashboard. I also helped populate the database with some mock data. I'd say I've contributed about 5% of the project; I expect to contribute more as the marching band season winds down.

Jared Yeager's Write Up:

So what did I do again? I made the first iteration of the django project…but that had to be scrapped. I did most of the Breed-Owner-Per part of the model. I'm not if one can take credit for the url mapper as it was like … 9 lines of copy/paste, but I did that. I made the html files more template-y.

So what percentage of the work did I do? Fつ if I know. Seriously, are we measuring percent of work-hours put into this? (because I have no idea how long others have worked.) Are we measuring lines of code? (no idea how much other wrote) Also, almost everything I did had to be redone since I screwed up the names. So honestly, I have no idea. Could be anywhere from 10% to 40%. But, since I'm on a team of 4, I'm gonna say 25%. And by that I mean "I feel I did my share and I'm content with the shares my teammates did".

Thao Phan's Write up:

For this project, I created the data model diagram, did Part 0, and much of part 1, making sure our app worked. My team members helped me with Part 1 by answering questions I had with the file/folder/directory set up and they helped me by creating the templates. I also created the data model diagram and helped in the team write up by proof reading and revising. Since there are 4 members, I believe I did my fair share in the workload – 25%. My teammates were great at implementing the features I wasn't sure of (like the map and getting it to have an address/coordinates retriever).