

Title: PuppyCorps (though we may be written down as Deadmaus)

Subtitle: PupsToPet

Semester: Fall 2017

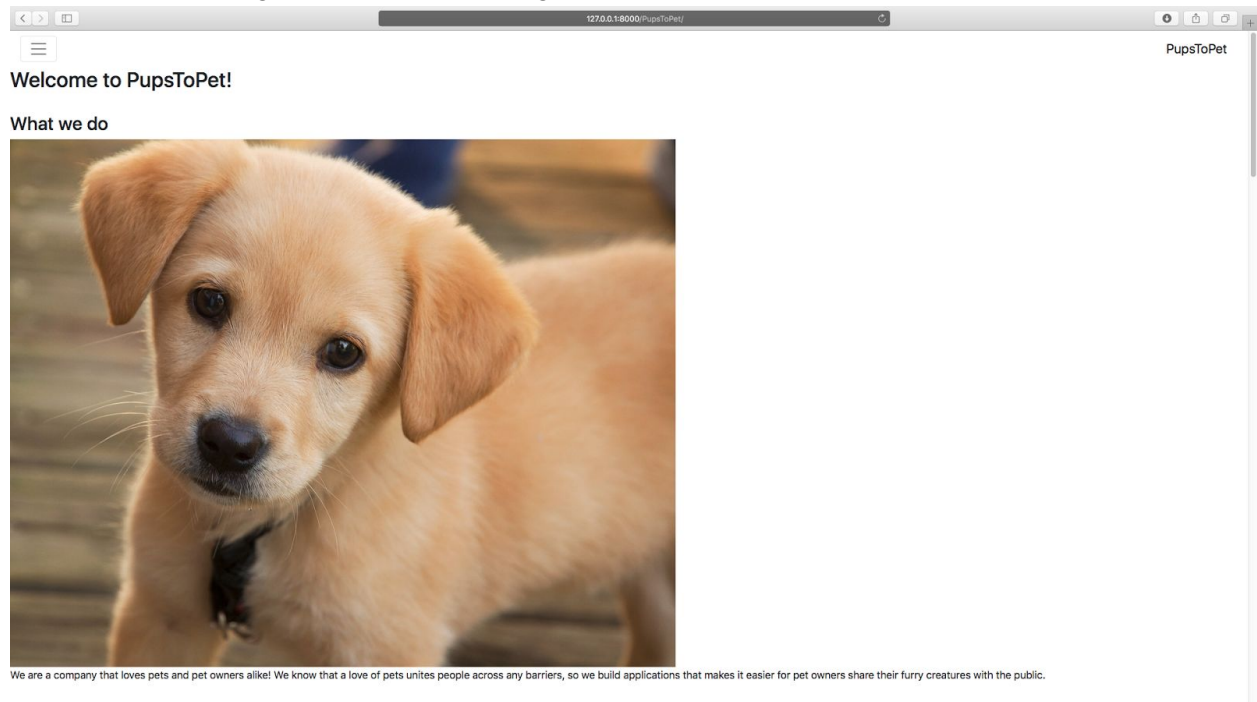
Overview: PupsToPet is a web based application that allows users to organise and find events wherein a pet is brought for others to pet and/or play with. It is the focus on pets that makes this application unique.

Team Members: Colin Lee, Arthur Normand, Thao Phan, Jared Yeager

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

User Interface:

About: our homepage, a simple about page.



Create Account: a page from which a user can create a new account

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:8000/PupsToPet/createaccount". The page title is "PupsToPet". The main heading is "Create an Account with Us Today!". Below the heading, there is a form with the following fields: "Username" (text input), "First name" (text input), "Last name" (text input), "Gender" (dropdown menu with "Male" selected), "Email" (text input), "Password" (text input), and "Confirm password" (text input). A "Submit" button is located at the bottom of the form.


Login: a page which the user user to log in

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:8000/accounts/login/". The page title is "PupsToPet". The main heading is "Login". Below the heading, there is a form with the following fields: "Username" (text input) and "Password" (text input). A "login" button is located at the bottom of the form.

Dashboard: a page that displays events and shows their locations on a map (image from logged in state)

127.0.0.1:8000/PupsToPet/dashboard

PupsToPet



Howdy compsci326

Your Information:
 compsci326 compsci326
 compsci326@umasssmith.edu

Your Pet Information:
 Add Pet!

Event Information

Name: Frisbee with the dogs!!!

Host: tphan: Phan, Thao

Description: fun time!

Time: Oct. 29, 2017, 5:30 p.m. - Oct. 29, 2017, 8:30 p.m.

Location: 42.391138,-72.526812

Create Event: a paged that an authenticated user can use to create an event

127.0.0.1:8000/PupsToPet/createevent

Add an Event Down Below!

Name


Start time

End time

Description

Location

Pets
 You have no pets.



Find Event: a page any user can use to filter events displayed on the dashboard

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/pupsToPet/indexevent'. The page title is 'PupsToPet'. The main heading is 'Search for an event'. Below the heading are four input fields: 'Name of Event', 'Name of Host', 'Earliest Time', and 'Latest Time'. The 'Earliest Time' and 'Latest Time' fields are date pickers. At the bottom of the form is a 'Submit' button.

Search for an event

Name of Event

Name of Host

Earliest Time

Latest Time

Submit

Add a Pet: A page an authenticated user can use to add a pet

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/pupsToPet/createpet'. The page title is 'PupsToPet'. The main heading is 'Add Your Pet Down Below!'. Below the heading are several input fields and dropdown menus: 'Your pet's name', 'Your pet's age', 'Is your pet a service animal?', 'Is your pet vaccinated?', 'What is your pet's gender?', 'What is your pet's size?', and 'What breed is your pet?'. There is a link '(Add your pet's breed here!)' and a text area for 'What is your pet like? Choose from the options below. Choose one or many! Or start typing and the disposition will show up (ex: happy, sad, energetic, etc)'. At the bottom is a 'Submit' button.

Add Your Pet Down Below!

Your pet's name

Your pet's age

Is your pet a service animal?

Is your pet vaccinated?

What is your pet's gender?

What is your pet's size?

What breed is your pet?

(Add your pet's breed here!)

What is your pet like? Choose from the options below. Choose one or many! Or start typing and the disposition will show up (ex: happy, sad, energetic, etc)

Is there anything else we should know about your pet? Write it down below!

Submit

Add a Breed: a page an authenticated user can use to add a new breed to the database

127.0.0.1:8000/pupsToPet/createbreed

PupsToPet

Add Your Pet Down Below!

Your New Breed!

Submit

Add a Disposition: a page an authenticated user can use to add a new disposition to the database

127.0.0.1:8000/pupsToPet/createdisposition

Add Your Pet

Add Your Pet Down Below!

Your New Disposition!

Submit

Update Profile: a page an authenticated user can use to update their profile

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/PupsToPet/updateprofile'. The page title is 'PupsToPet'. The main heading is 'Update Your Profile Down Below!'. Below the heading are four text input fields labeled 'First name', 'Last name', and 'Email address'. Below these is a dropdown menu for 'Gender' with 'Male' selected. At the bottom is a button labeled 'Update Profile'.

Update Your Profile Down Below!

First name

Last name

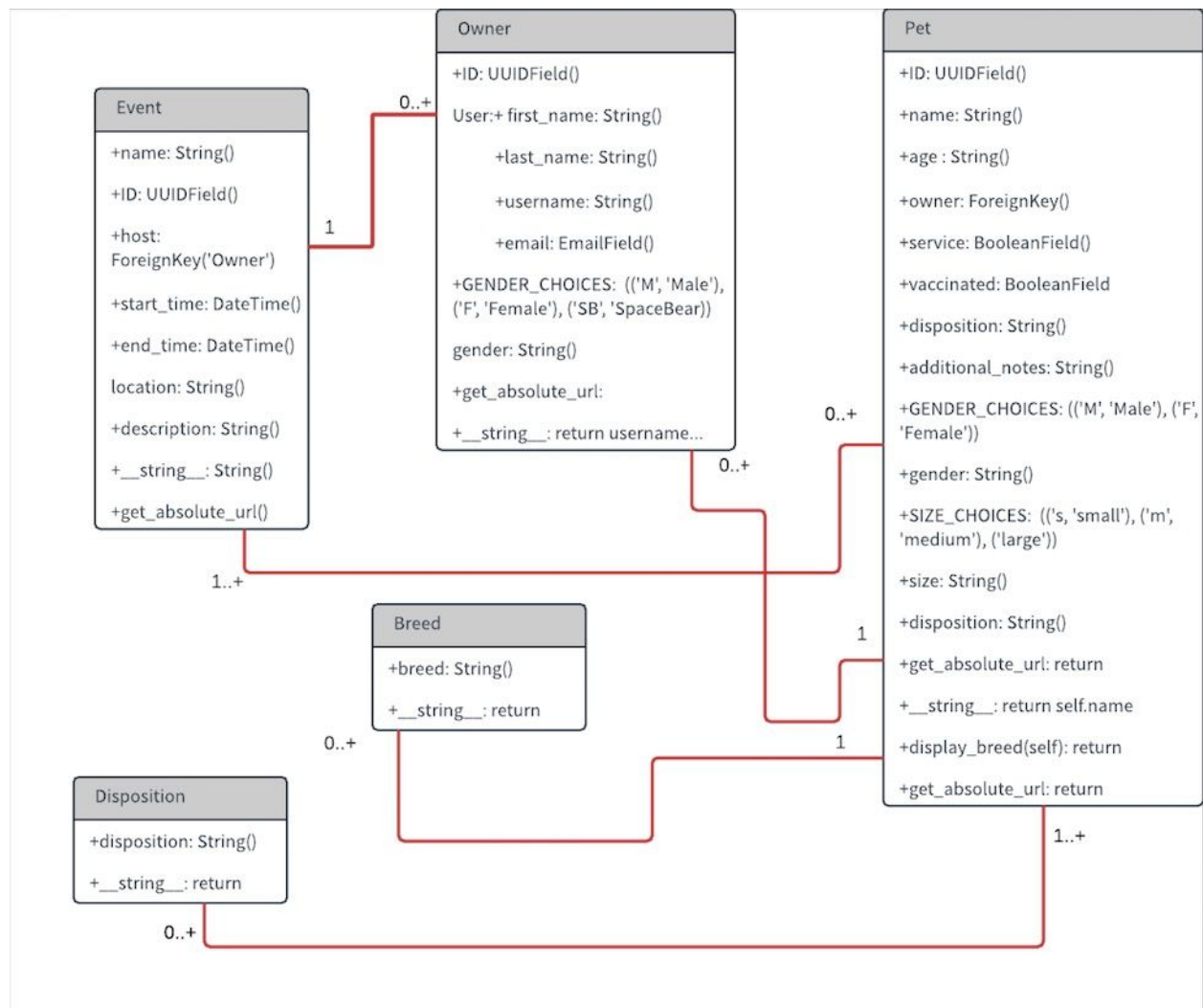
Email address

Gender
Male

Update Profile

Datamodel:

The model is as previously stands. We have owners, that are extensions of django's users and have can have zero to many pets and can create 0 to many events. Events have a single host (owner), but may have 1 or more pets. Pets have one owner, and can be of mixed breed, having 1 to many breeds, can attend 0 to many events, and can have 1 to many dispositions. Breeds and dispositions can be associated with 0 to many pets each.



URL routes/maps:

/: our about page

dashboard: a page displaying events and their locations on a map

createaccount: must be logged out, account creation form

updateprofile: must be logged in, form to update user profile

userinfo: must be logged in, displays information about the user

createevent: must be logged in, form to create an event

findevent: form to filter events visible on dashboard

createpet: must be logged in, form to create a new pet

createbreed: must be logged in, form to create a new breed for pets

createdisposition: must be logged in, form to add a new disposition for pets

Authentication/Authorisation: Our authentication is fairly minimal, as we really only have one type of user. Logging in is done through a login page users can find from the nav-bar. Logging out is done from the nav-bar. Authenticated users can create events and manage their account.

Unauthenticated users can create accounts. Either state of user can search for events and view the dashboard and about pages.

Team Choice: We had been notified that our user interface was less than satisfactory, and a large part of the final submission was an attempt to overhaul it. Unfortunately, given the time involved in this task and the time we each had available, the navigation bar was the only thing we were really able to substantially improve, much of the rest of the formatting was lost in the process.

We also wanted to try and give users the ability to filter the events displayed on the dashboard by means of a search. The ability to select criteria (specifically the name of the event, name of the host, earliest beginning of the event, and latest end of the event) on the search events page that would then take the user to a filtered dashboard was implemented.

More than anything, we wanted to polish out what we had...but the semester end rush and work to do was something we underestimated.

Conclusion: We had a number of difficulties. The team suffered from a number of mismatched schedules and a general shortcoming of communication. There were a number of cases where it seemed that people's understanding of certain parts of the project did not align. It seems that the front end was in general our team's greatest weakness. One thing that probably would've been useful to know in advance is that one can extend django's user model.