

PetTrax

caretaking made easy

GROUP 08:

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*Seriously, when is the food
getting here?*



PetTrax



*Pets are pretty simple, really.
It's people that are complicated.*

Most pet care is distributed among several humans, none of whom speak Dog and don't even always speak to each other...



Data can help you speak Dog!

Your human attention span is short, but data helps. A simple app that tracks potty and feeding habits keeps everyone aware of your pet's needs.

*Can I please?
I've been so good!*



PetTrax keeps it simple

As a user, I want to:

Tap on a Pet

Tap on an Action

Track It!

Once human care takers track habits and rhythms, it's easy for everyone to see what's on a pet's mind and what comes next...
before accidents happen!



Process



Technologies Used

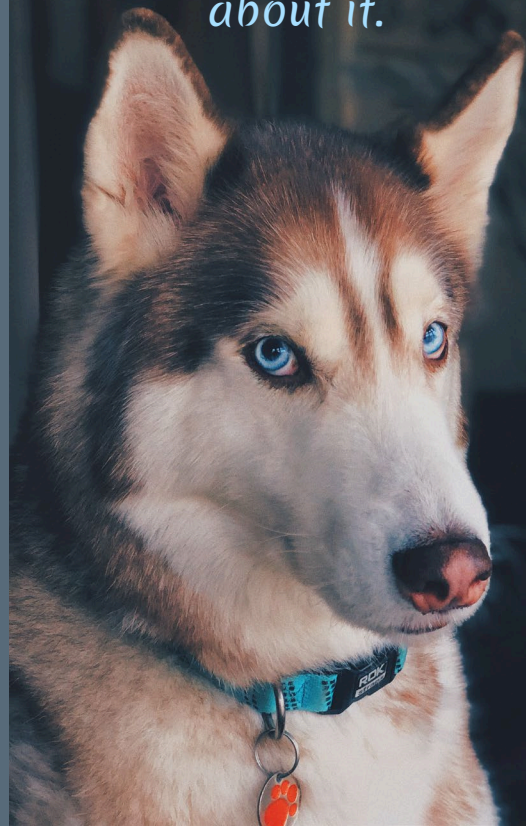
- Model: MySQL, Sequelize
- View: JS-HTML-CSS, Bootstrap, Handlebars.js
- Controllers: Express, Node
- UML for diagramming
- Cloudinary Javascript SDK for uploading and transforming pet photos



Tasks & Roles

- Followed self-assessment answers on team survey for division of labor
- Model: Kelsie
- View: Ryan, Darrin, Kelsie
- Controllers: Edita, Kelsie
- UML / branding: Darrin
- MVP to Kelsie!

*It was not me. Nope.
Don't know anything
about it.*



Process



Challenges

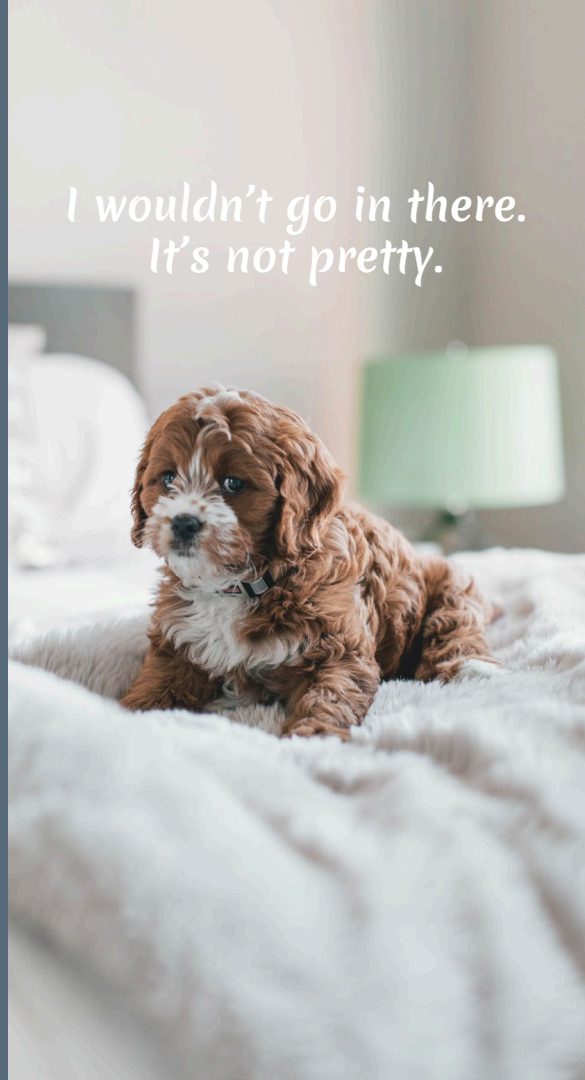
- Keeping it simple! Wanted complicated business logic for human relationships (Groups)
- Uploading photos into file directory not allowed on Heroku
- Lots of frustrating errors getting views to work



Successes

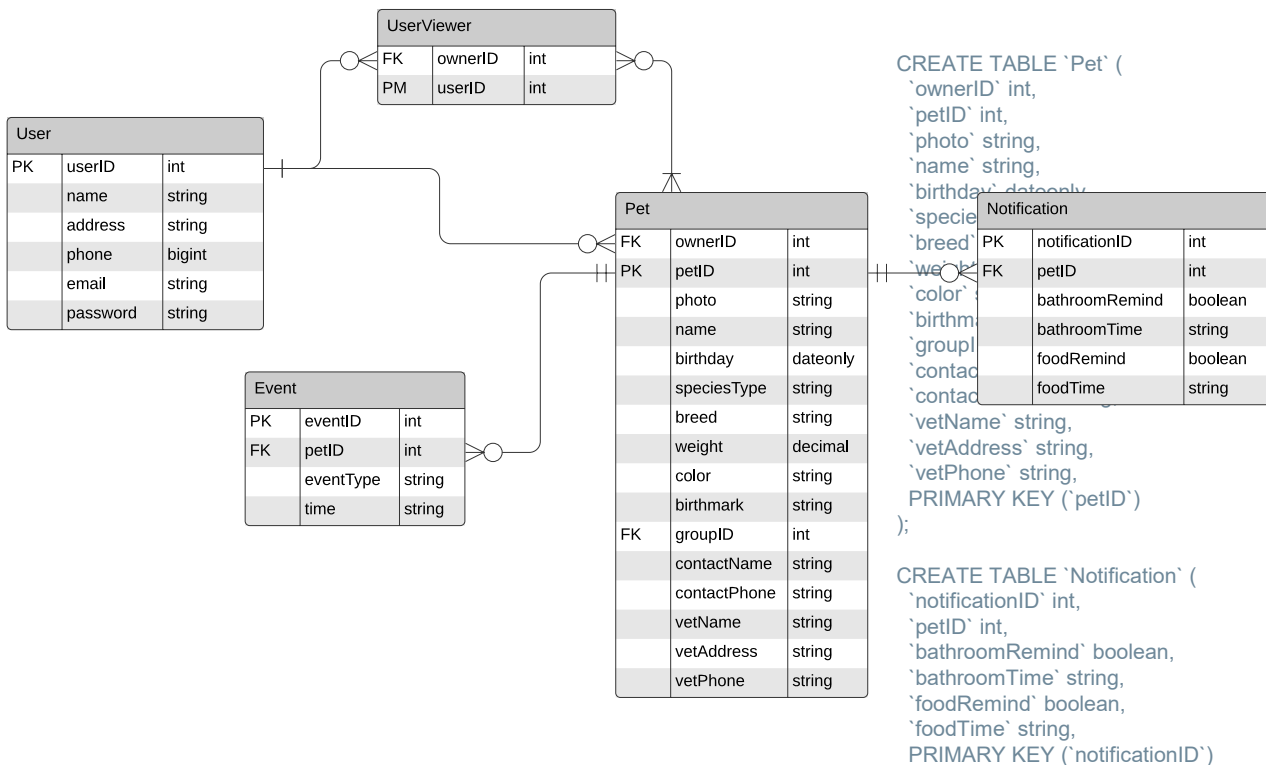
- Good separation of concerns workflow: easy to 'stay in a lane'
- Few Git issues due to SoC workflow (a relief)
- Got the prototype close to our wireframes
- UML promising as a design tool in future rather than just documentation

*I wouldn't go in there.
It's not pretty.*



UML diagrams

View wireframes +
Model diagrams = Time!



Diagrams are scary.
Can I have some pie?



Link:

Lucidchart:

<https://www.lucidchart.com>



Demo

Future Development

Features

- Expansion to multiple pet species and their special behaviors / events
- More complex 'custody' of multiple pets / groups (complex SQL)
- Health issue tracking: log arc of a sickness / injury and share with vet

Interfaces

- Mobile-first gestures would help view transitions / navigation
- Wearable watch app would be convenient for potty breaks...
- Samsung smart fridge screen is begging for this!

*We can start right now.
Say the word...*



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Questions?

Links:

Live App: <https://secret-coast-15963.herokuapp.com>

Repo: <https://github.com/kelsie-c/pettrax>

