Scope of Work: Pet Trax

Jason Ruby

06/27/17 | Version 0.2

Document Objectives

The purpose of this scope of work (herein after as "SOW") is to provide detailed documentation of the work Jason Ruby will perform as well as the requirements and specifications under which that work will be performed. All work performed and delivered will be done within the scope of this project as detailed in this SOW.

Acceptance

Acceptance of this SOW is indicated by the client signature(s) below and acknowledges understanding and agreement to this SOW.

Scope

Any requirement(s) and/or request(s) which fall outside the specifications detailed in this SOW will be considered "Out of Scope" and my require significant changes to the project: budget, timeline, or other expectations established for this project.

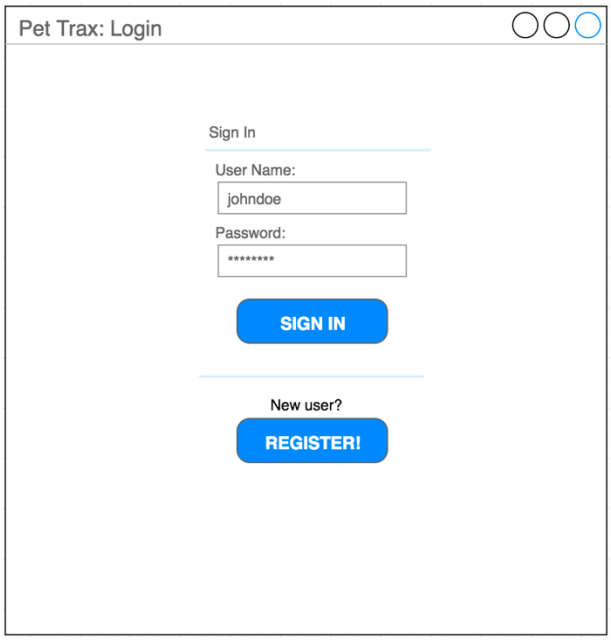
Application Overview

Pet Trax (*name subject to change*) is a full-stack web application allowing pet owners to track past, current, and future health issues, veterinary visits, related symptoms, and prescribed medications.

Pet Trax Application Features

User Login

The home page will consist of a form for registered users to login to the application. Unregistered users will select the "REGISTER!" button and be redirected to the user registration partial.

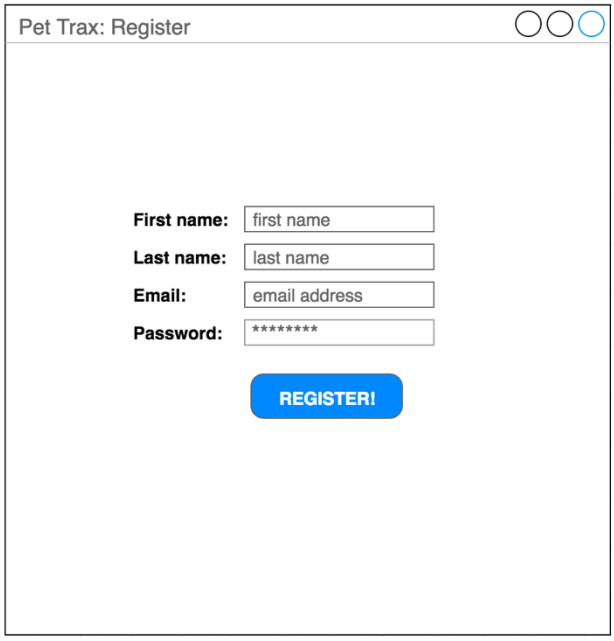


User Registration

The user registration page will consist of text fields for the user's:

- First name;
- Last name;
- Email address, and;
- Password

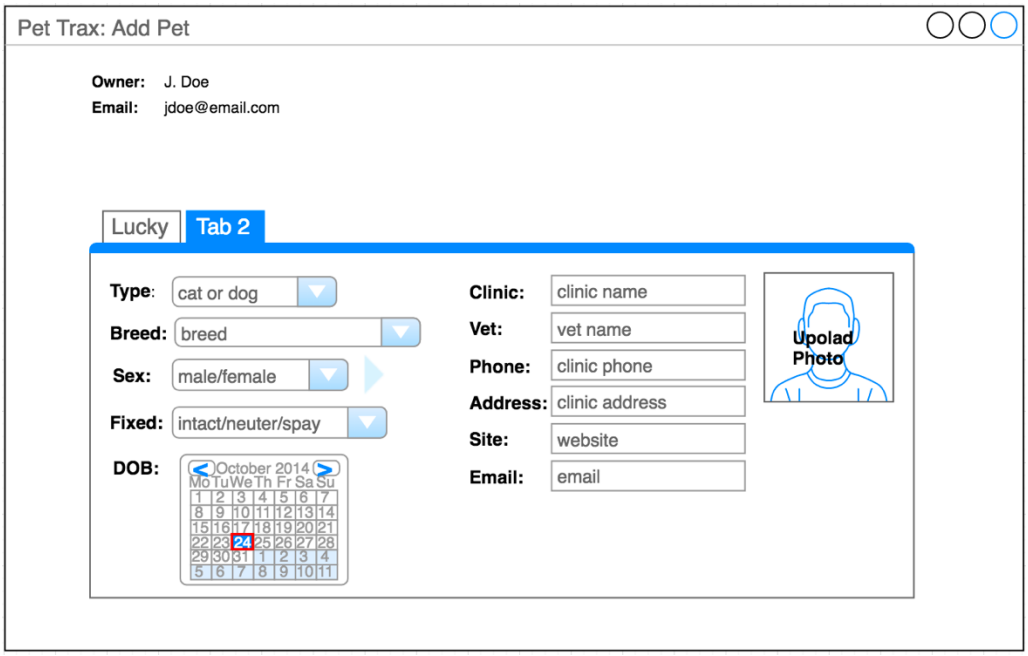
The user's email address will be used as their username for future login.



Add New Pet/Edit Existing Pet

Upon successful registration and login, the user will be able to add a new pet to their profile. A pet's profile will consist of:

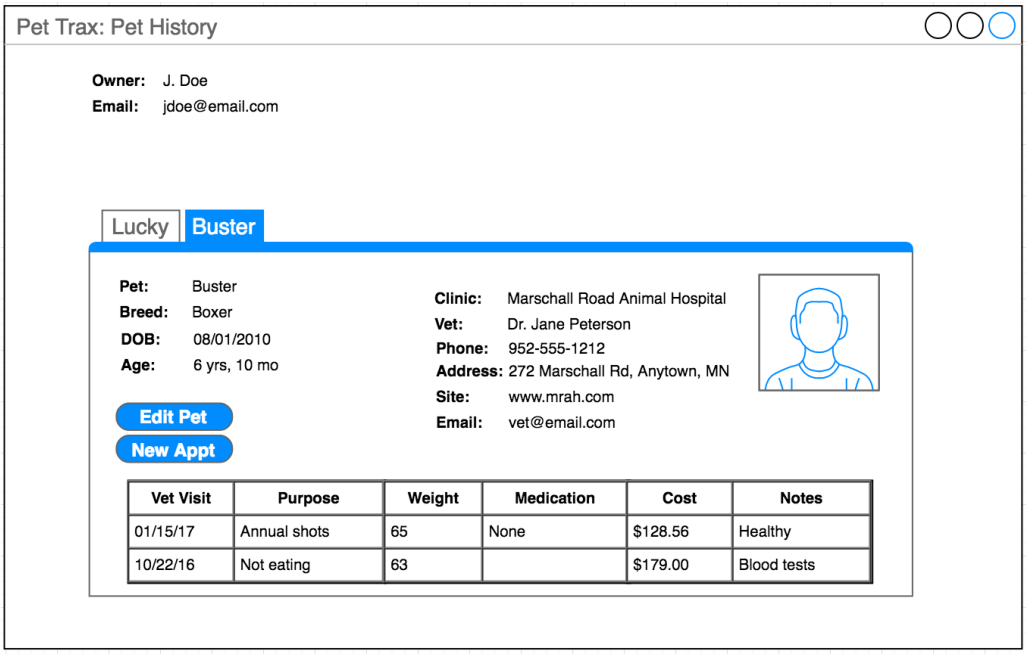
- Type of pet (e.g. cat or dog)
- Breed related to the type of pet selected
- Sex
- Intact status (e.g. intact, spayed, or neutered as related to the sex selected)
- DOB, and;
- Primary veterinarian's information



Track Pet History/Create New Appointment(s)

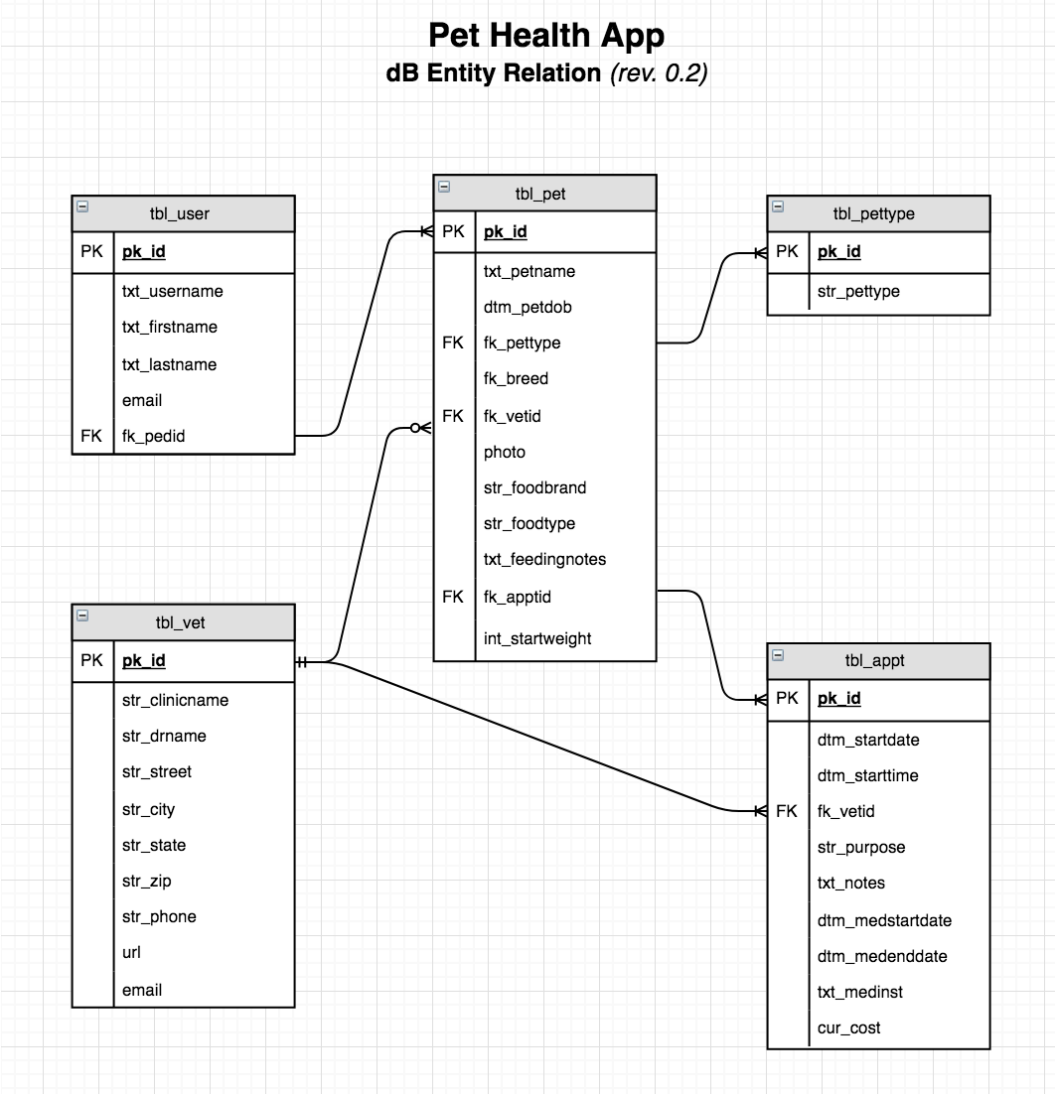
Once a pet profile has been created the user will be able to update/edit the pet's information to include adding previous or new vet appointments to include:

- Date;
- Purpose;
- Weight;
- Any prescribed medication;
- Cost, and;
- Any notes about the visit



PostgreSQL Entity Relation

The back-end database structure will be configured as shown in the Entity Relation diagram below.



Other Feature(s)

The following fields will be enhanced by using the Twitter Typeahead library with AngularJS directive wrapper around the Twitter Typeahead library to provide "autofill/autocomplete" feature:

- tbl_pet.str_breed
- tbl_pet.str_foodbrand
- tbl_pet.str_foodtype
- tbl_vet.str_state
- tbl_appt.str_purpose

Google Calendar API will be used as a "stretch goal" for implementation of creating future vet appointments.

Project Milestones and Schedule

The following project schedule and milestones are to be achieved on, or before, the date indicated to ensure project completion on, or before, the projected and agreed upon delivery date.

Milestone (feature)	**Estimated Due Date**
SOW approval	06/30/17
File structure built	06/30/17
Database structure and relations created and populated	07/05/17
User registration and authentication developed	07/06/17
Partial pages and routing developed	07/07/17
Front-end logic and functionality	07/1017
Styling applied	07/11/17
Final delivery	07/17/17

Browsers

Pet Trax will fully support browser(s) listed below. All browsers or versions not listed below are considered out of scope.

Browser Name	**Version**
Google Chrome	Version 58.0.3029.110 (64-bit)

Assumptions

While completing this estimate the following assumptions were made.

- Google Calendar API will not change
- The version of Google Chrome indicated will remain a stable browser platform
- I have the ability, skills, knowledge, and recall to appropriately implement the required technology as was learned in tier 2

Technologies

- AngularJS
- Bootstrap
- CSS3

- Express.js
- Font Awesome
- Heroku
- HTML5
- JavaScript
- Node.js
- PostgreSQL

Stretch Goals

These are features that you would like to have in your application. If time allows, you will include them, but likely scenario is that there will not be enough time to include them and they will be in V2 of your app.