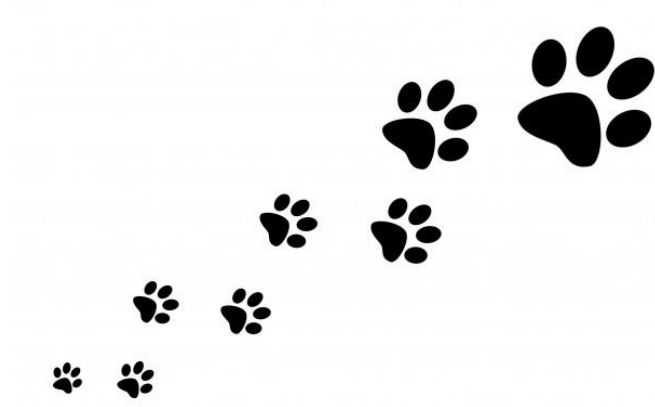


PROJECT NAME: HAPPY PAWS



Names: Bill Martynowicz, Ethan Frederick , Garrett Weber, Reiland Domingue.
Zack Carlstrom

PROJECT DESCRIPTION

The website we chose to develop, Happy Paws, is a comprehensive platform designed to help individuals adopt dogs easily and efficiently. For the site we used the API Petfinder which helps us display a wide selection of dogs from shelters and rescue organizations across the country. The site is designed to be intuitive and user-friendly, with a simple navigation menu that enables users to find their perfect dog quickly and easily.

Upon entering the site, users are given the option to login, or for first time users they are required to register before they can access the site. Once logged in the user will be directed to the login page where adoptable dogs will appear. If the user likes a particular dog they can favorite them and be able to return to view that dog at a later date. If the user wants more information about a dog they can view their profile which contains detailed information about the dog they are interested in.



Github

VSC

Rating- 5/5

Github Project Board

Project Tracking

Rating- 4/5



Visual Studio Code

Text editor

Rating- 5/5



PostgreSQL

Database

Rating 2/5



Azure

Cloud hosting

Rating- 4/5



FontAwesome

UI Tools

Rating- 5/5

TOOLS USED



NodeJS

Application Server

Rating- 4/5



Postman

API testing

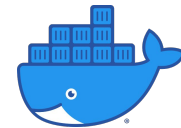
Rating- 5/5



PetFinder

External API

Rating- 3/5



Docker

Virtualization

Rating- 5/5

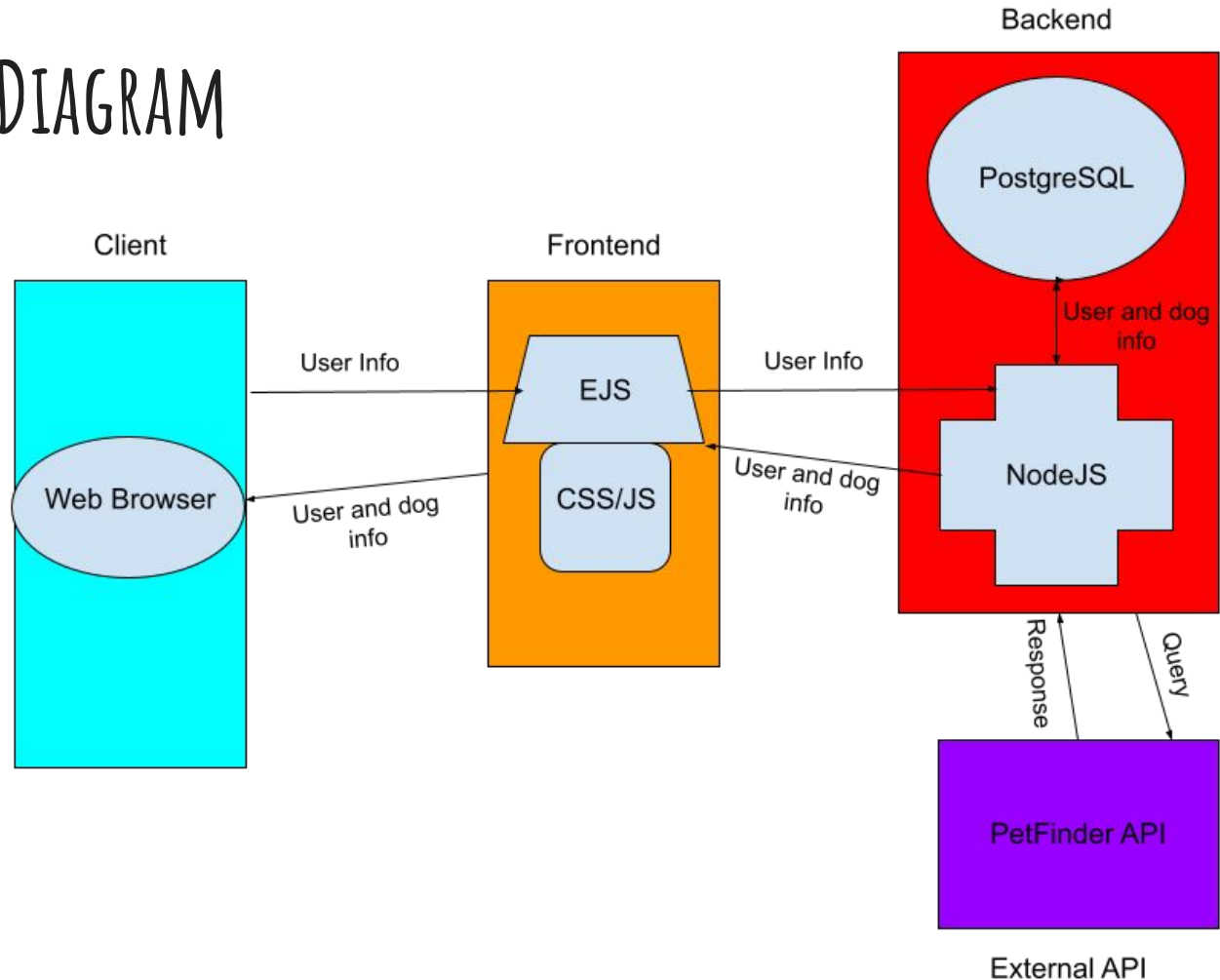


Bootstrap

UI Tools

Rating- 5/5

ARCHITECTURE DIAGRAM



CHALLENGES AND STRUGGLES

- Finding an API with useful data- many of the animal related API's didn't meet any of the criteria or cost money. Decided on PetFinder as it fit our needs the best.
- Group time- We had very little time where all of use were available to work and discuss ideas and problems. We ended up meeting right before our weekly check-ins which led to occasional half finished code.
- Dividing work- not many of use have coded in a group environment of more than two or three people. Having to navigate the division of work was an issue but once we divided into groups of front and back end it became easier.
- Pictures and Dogs- The API we used returned many different animals to us and many of them didn't have photos. We were able to filter so only dogs who had photos with them were displayed on the website.

THANK YOU



TIME FOR THE DEMO

<http://csci3308-110-1-demo.eastus.cloudapp.azure.com:3000/>