

FUR-EVER
Friend Finder



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Project Overview

Problem:

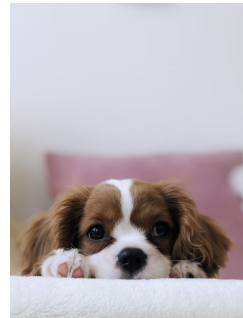
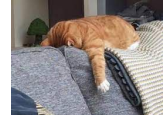
- Many people are depressed because they do not have a pet. Many pets are depressed because they do not have a human. Studies show that “Pet owners are less likely to suffer from depression than those without pets.”(Jeanne Segal Ph.D, The health and Mood-boosting benefits of pets)

Our solution:

- To provide a website where people can find pets. Our website’s differentiating factor is it has a different section for boulder so you can easily find and post pets in the boulder area.

Vision Statement:

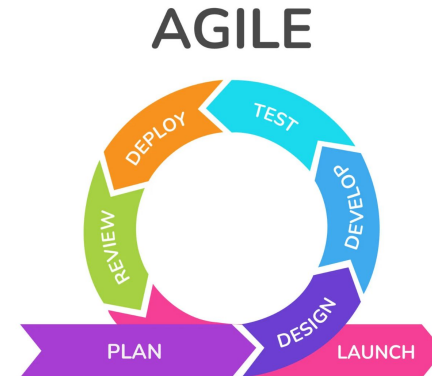
- Fur-Ever Friend Finder serves as a dynamic hub connecting pet lovers both locally nationwide, empowering them to explore, adopt, and connect with pets in need.



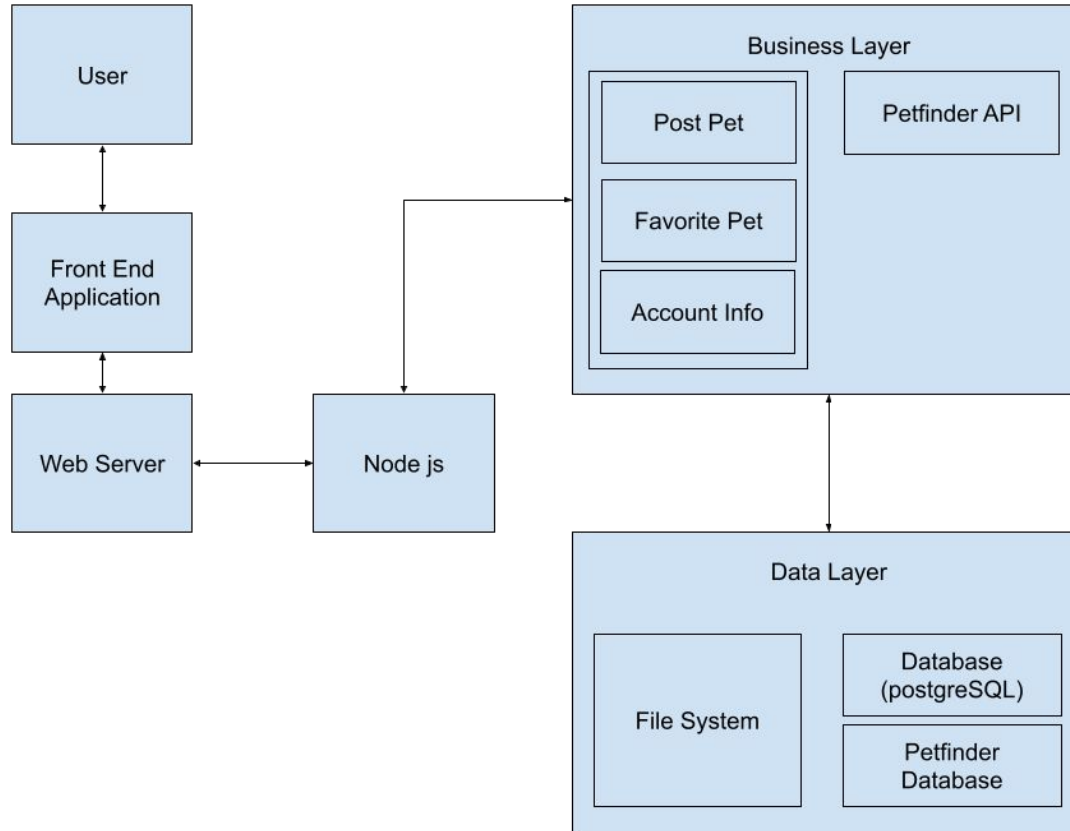
Implementation methodology.



- Our group choose to use the agile methodology for the past four weeks.
- We would meet every tuesday and share what we got done in the past week and evaluated the total progress.
- After the evaluation we would plan out what we needed to finish by next week so that we could finish the project on time. Based upon that we divided up the workload.



Project Architecture



Tech Stack 1



Node.js (4/5)

Back-end JavaScript
environment



Express.js (4/5)

Web application
framework for Node.js



PostgreSQL (5/5)

Database
management system



EJS (4/5)

Embedded JavaScript
templating engine



Bootstrap (4/5)

Front-end framework
for web development



JS (5/5)

Web scripting
language for browsers



CSS (4/5)

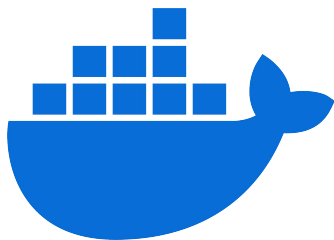
Styles web page
presentation



Github/git (5/5)

Version control
Repository host

Tech Stack 2



Docker (4/5)

Containerization

A X I O S

Axios (4/5)

API Requesting

petfinder

Petfinder API (4/5)

External API

Challenges

- Prioritizing features
 - Balancing our goals with our available resources
- Pet images
 - Collaboration/Teamwork
- Pet and User Databases
 - Continuously updating requirements + Agile



Demo

