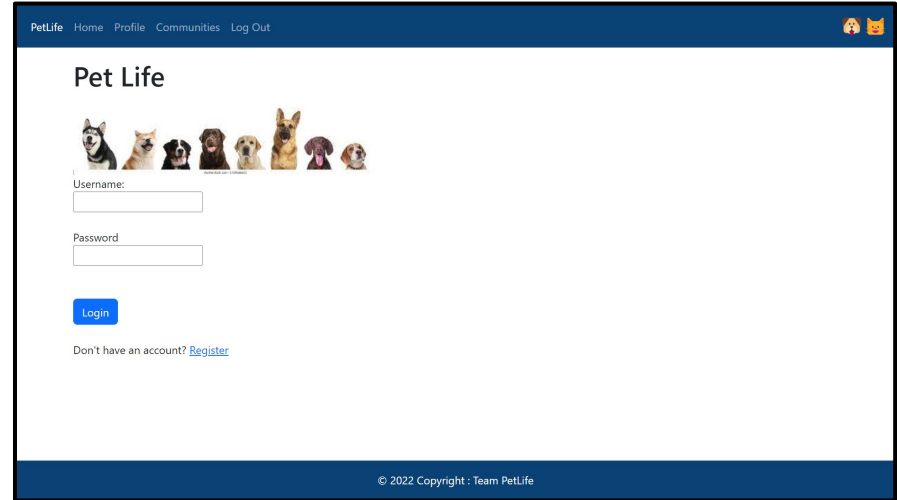# PetLife

Team 011-01 - CSCI 3308 - Fall 2022
Charlie Gau, Collin Hayes, Ella Herniak, Amber Kou, Logan Proffitt, Eric Wilmes
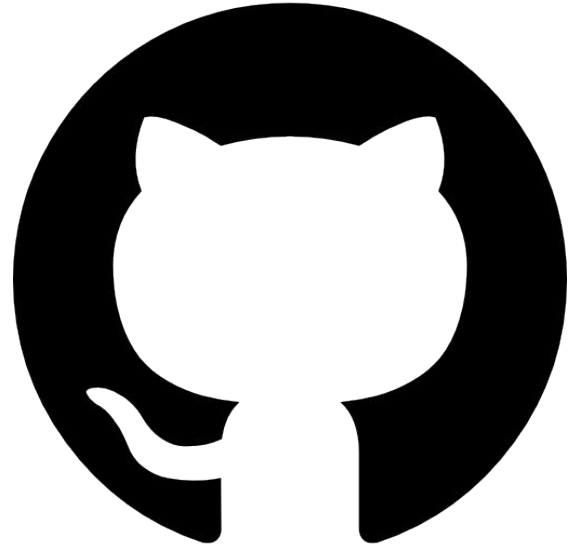
Overview

- PetLife - pet social media
    - A site for pet Instagram accounts
- Features:
    - View posts in feed
    - Make posts of your own
    - Join and leave communities
    - Edit profile (photo, pet, birthday, etc.)

Tools Used

- **Project Tracker** - GitHub Project Board
  - Used github project board for tracking
  - Useful for knowing project progress
  - 4 stars

- **Repository** - GitHub
  - Stored our code
  - Used for merging code and collaboration
  - Peer code reviews
  - 5 stars

Tools Used

- **UI Tools** - HTML, CSS, EJS, Bootstrap
  - HTML:
    - Frontend markup language
    - 4 stars
  - CSS:
    - Describes how HTML elements are displayed
    - 2 stars
  - EJS:
    - Embedded JavaScript templating
    - 3.5 stars
  - Bootstrap:
    - Frontend toolkit
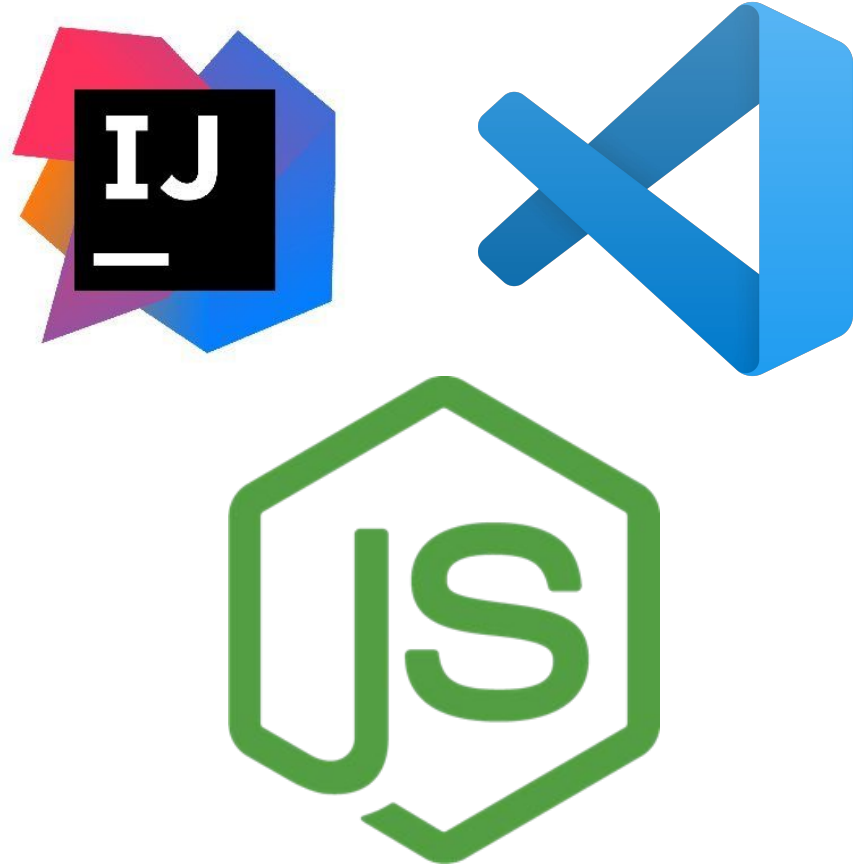   - 5 stars

Tools Used

- **IDE** - VS Code, IntelliJ
  - Used for coding
  - Free and customizable
  - 5 stars
- **Application Server** - NodeJS
  - Backend javascript server environment
  - Used for redirecting links
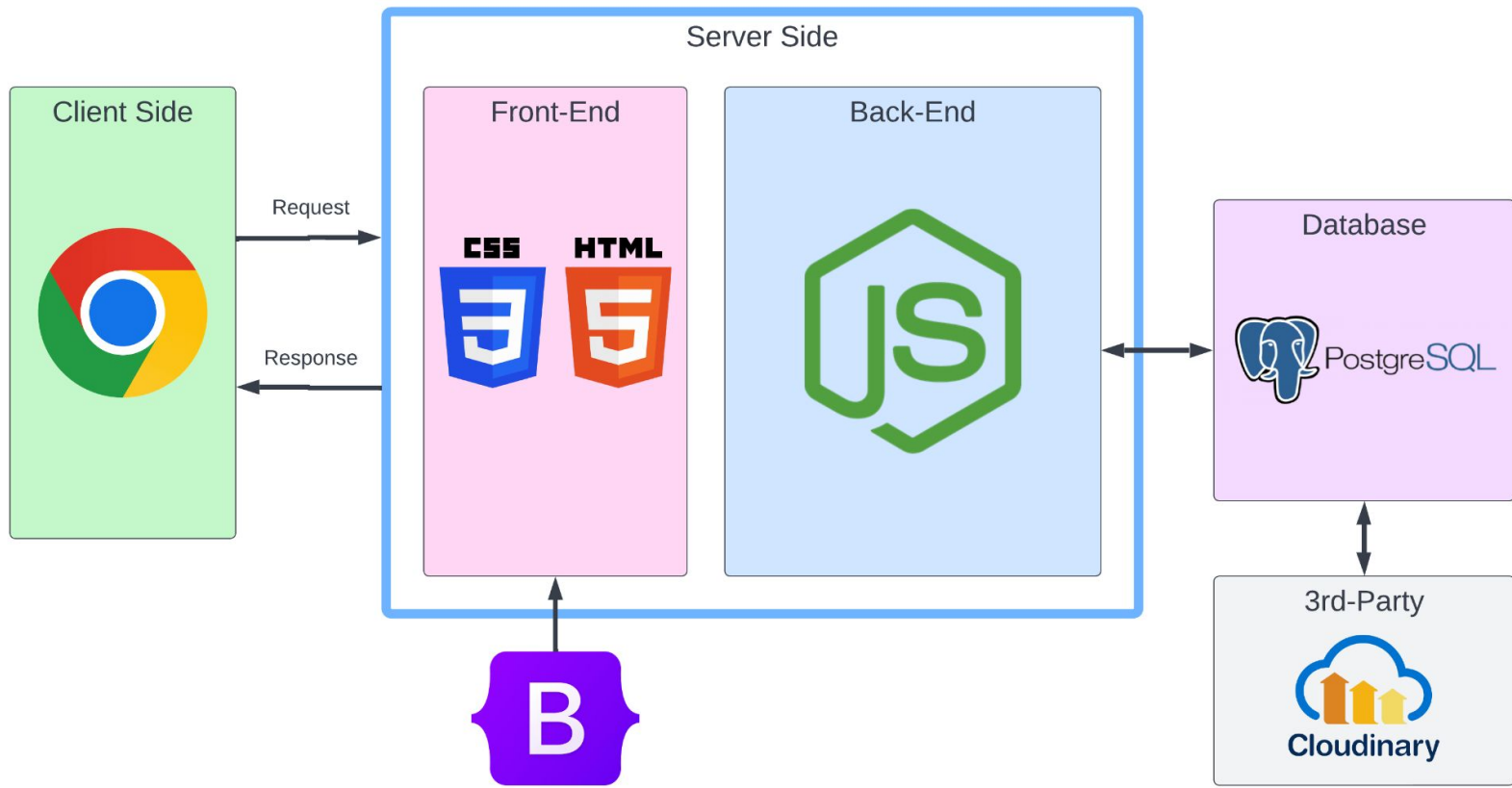 - 3.5 stars

Tools Used

- **Database** - PostgreSQL, Cloudinary
  - Postgresql
    - Create and modify databases
    - 3 stars
  - Cloudinary
    - Way to upload media and obtain a secure url
    - 4 stars

Architecture Diagram

Server Side

Client Side

Front-End

Back-End

Request

Response

CSS HTML

Database

PostgreSQL

3rd-Party

Cloudinary

B

Challenges

- Uploading images
  - Cloudinary
- Session data and communities
  - Office hours
- Time constraints
  - Consistent team meetings

Testing

Manual user testing

- Goal of testing was to observe if web pages were rendering correctly, as well as to see if information was **correctly uploading to postgres and cloudinary**
  - observing console
  - **manually going into postgres to examine tables**
  - Checking cloud to see if images were successfully uploaded

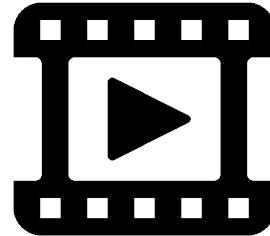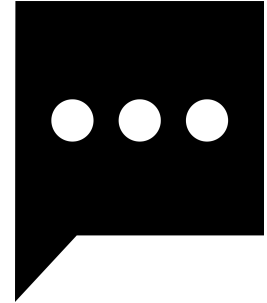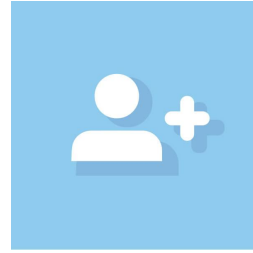-Focused mainly on Login/Registration and Posting

Testing documentation+plan:
https://docs.google.com/document/d/1YdMtUUgVP3ZXwBPKmfMQyt4p0zOlDMDqiGGnYOEpP40/edit?usp=sharing

Potential Future Work

- Add followers and following
- Filter feed by communities and following
- Implement comments on posts
- Add video posts
- View users posts on profile page

Demo

http://csci3308.int.colorado.edu:49169/home

https://drive.google.com/file/d/1zuqJswytvsjM4m9uBlst1BjDrDaWU Ff2/view?usp=share_link

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