ParkPals

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Description

Our dogs do so much for us and our mental health, and there's no better way to give back than to take them out and see the world.

The purpose of our application is to find parks and local meetup spots in order to provide healthier opportunities for socialization and enrichment for users and their dog(s).

We believe this can be achieved through the use of ParkPals.

Features

- User Login/Authentication/Authorization
- Basic CRUD Repository
- Google API Integration
- Create Dogs
- Create Events
- Edit Profile

Planning - User Stories

Users can create unique dog events with desired specifications (Temperament and activity level).

Users may search for nearby parks based on any given location (Address, zip code, city, state, etc).

Users have the ability to edit their profile information after account creation (Name, age, zip code, bio).

Users can create/add dogs to their profile.

Users can view different types of profiles such as dogs and parks.

Planning - Database

Our database includes:

- User, Dog, Park, and Event object tables
- Relationship tables
    - event_user_attendees
    - event_dog_attendess
    - park_events
    - user_dogs
    - user_events

Technology Stack

- Java
- Spring Boot
- Thymeleaf
- MySQL
- Hibernate
- BootStrap
- Google Places API

Demo

What I Learned

- How to use and implement REST API's in Java(Google Places API)
- Better understanding of Spring Boot and Thymeleaf
- Three states of an entity
  - Transient (Not associated with Hibernate session)
  - Persistent (Attached to Hibernate session)
  - Detached (Was previously in-session)

What's Next

- Complete more user stories
  - Parks Page
    - Show all relevant parks in database
  - Reviews
    - Allow users to create/view a park's review
  - Calendar/Weather integration
    - Keep users up to date with the current weather and upcoming events
- Change HTML/CSS to look more professional
- Improve UI with use of jQuery