

ParkPals

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Description

We've built an app to connect dog owners with each other, and with parks and events in their area, to achieve the goal of improving the health and happiness of dogs and owners alike.



Features

- User login and authentication/authorization
- Location-based park finder using Google APIs
- Calendar of events
- CRUD repository



Planning - User Stories

Our project allows users to register for an account, create profiles for themselves and for their dogs, search for parks by location, view and/or create events, and more.



Planning - Database

- User, dog, park, event, and review tables
- Relationship tables:
 - event user attendees
 - event dog attendees
 - park events
 - user dogs
 - user events



Technology Stack

- Java
- Spring Boot
- Thymeleaf
- Hibernate
- Bootstrap
- MySQL
- Google Developer Library



Demo



What I Learned

- Connecting to a public API
- Creating profiles within profiles
- Much more well-rounded understanding of MySQL and Java



What's Next

- Ability to leave reviews for parks - if the user is unfamiliar with a park before visiting, it'd be good to have an idea of the park's layout, usual visitors, potential problems, etc before going there.
- Live weather conditions for parks - if the user is traveling to a park that's not nearby, it'd be good to know the current conditions before traveling.

