

# Best Campsite

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# Description

Best Campsite is a digital solution for camping trip planning. Users can search campgrounds, mark individual campsites, and reference their favorites next time they're planning a trip.



# Features

- User Login
- Campground Search
- Mark Site



# Planning - User Stories

Users have individual accounts to save their favorite sites with.

Users can search by state and keyword to find the campground they're looking for.

Users can see all the campsites for a given campground and mark their favorites.



# Planning - Database

The main tables are the user login credentials, the federal campground information, and the individual campsite information.

All of the campground information comes the federal Recreation Information Database.

I make heavy use of many to many relationships in order to persist campsite ratings.



# Technology Stack

- Java
- IntelliJ
- Thymeleaf
- MySQL
- Spring Security, RIBD API, and Gson



# Demo



# What I Learned

- In the process of manipulating the RDB data I used SQL Server to help build some of my tables.
- I had to learn to connect to an API, parse and model bind json data
- I implemented Spring Security for account creation and authentication.





# What's Next

- Using the GeoJson from RIDB with Google Maps to visually represent the campgrounds
- Add some style with CSS and Bootstrap
- Learn JavaScript and JQuery in order to handle API requests.

