

Piri

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Description

Piri is an application for people looking to relocate but aren't sure what city is best for them. Piri supports community-driven approach to provide information about cities by encouraging local residents to comment and write reviews.



Features

- Search for cities by
 - State
 - Zip Code
 - Name
- Sort cities by highest scores and more
- Review cities based on certain criteria
- Create a user profile that allows users to log in and leave reviews
- Compare ratings of two cities side-by-side
- Upload images of your favorite places
- Save your favorite cities for quick access to your profile



Planning - User Stories

- Motivated by Nur's experience of moving to the States, as a lot of this information was not in one place and how nice it would have been to be able to see what others thought.
- Useful for people looking to make a move to a new place and those looking to plan their vacation. Provides community-driven ratings, reviews, and pictures of cities.



Planning - Database

- City database
 - Zip codes, state, coordinates, all from imported CSV file.
 - ID
- User database
 - Username
 - Password - encrypted for safety.
 - Saved Cities - list of cities that the User saves to their profile.
 - ID
- Reviews database
 - Actual Review - Review written by User about a particular city.
 - Individual Ratings - Ratings for given categories decided upon by User.
 - City IDs
 - User IDs



Technology Stack

- Java
- JavaScript
- CSS
- HTML
- Springboot
- Thymeleaf
- MySQL hosted on AWS server



Demo



What We Learned

- Amazon Web Services for hosting remote Database
- Pagination to reduce content on pages
- Uploading images to database
- Utilizing User Sessions to create a dynamic navigation bar
- Bootstrap formatting



What's Next

- Like/Dislike feature for reviews
 - Allows Users to know which reviews are helpful and which are not.
- Adding an embedded Google Maps API to the City View Page
 - Allows users to take a look at the city and surrounding areas on an actual map.
 - Will read Google Documentation on how to implement it.
- Creating comment chains attached to reviews
 - Enables forum-like discussion on controversial comments for better explanation from authors.
- Q&A pages for Cities
 - Allows users to ask and answer questions about cities they'd like to visit or move to.
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