

# Piri

Nur Cetin || @nur4450

Mitch Johnston || @SMitchellJohnston

Julie Powderly || @Jpowderly814

Milan Shrestha || @milan-shrestha

Marlaina Wunderlich || @melaeryn

# 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
- Save your favorite cities for quick access to your profile
- Upload images of your favorite places



# 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
- 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.

