

Recitation 011- Team 4

Logan Tilly

Jacob McKinney

Kobe Small

Koral Villalobas

Andrew Chaney

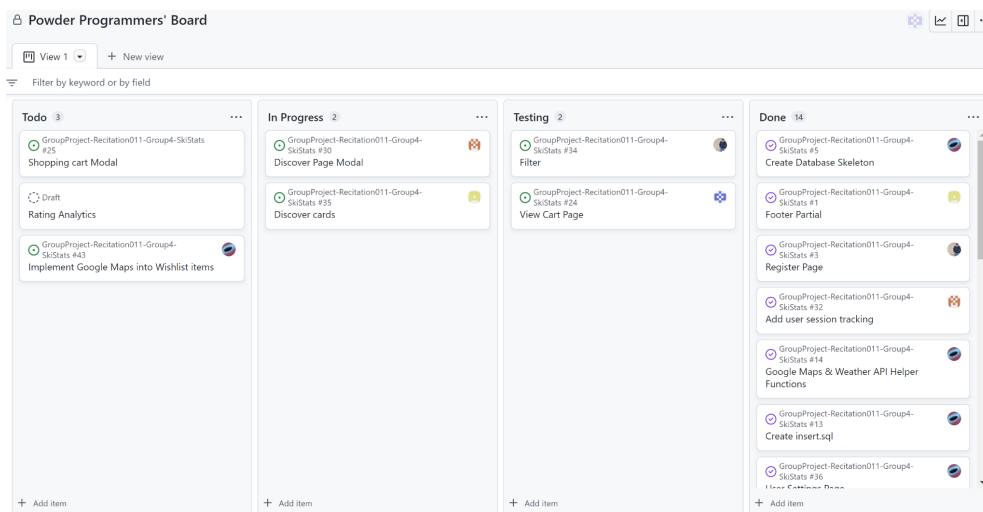
Zaphod Schmidt

SkiTistics

SkiTistics

In this project, we focused on creating a good source for data to help you take the best ski trip. You can casually check out all the different resorts filtered by pass type, state, total runs, ease, and alphabetically. You can also create an account to have the ability to sign in, save your favorite resorts, and create a wishlist for your dream ski trip. Once you have decided on the resort/mountain you wanna visit, you can check out the closest hotels, the weather, and the drive time. This website is a great synopsis for people to easily see and know all the important data on their favorite mountains.

Project Board/Tracker - <https://github.com/orgs/CSCI3308-Fall22/projects/57>



GitHub - <https://github.com/KosmicAnomaly/CSCI3308-Group-Project>
<https://github.com/CSCI3308-Fall22/GroupProject-Recitation011-Group4-SkiStats>

Contributions

- **Jacob**

- **Contributions:** I created the backend for the data contained within the ski mountain table and all ski images. I also created the API for hotel calls backend that was implemented on the front end by Kobe. I was responsible for creating the project report and presentations.

- **Andrew**

- **Contributions:** I worked on creating the front and back end for the login feature as well as the data page that populates weather and map data given a specific resort or mountain. This data page organizes a 3-day forecast into different cards with images and colored text based on current/forecasted weather and temperature trends using the National Weather Service API. The map data is generated from either the user's address, if it is inputted, or a default of Boulder, CO to whatever the inputted mountain is.

- **Kobe**

- **Contributions:** Created footer partial, implemented hotel api, access token api, and getLatLng api, made discover page frontend mockup to give us general layout of what discover page would look like. Created hotel cards front end which display hotels given city, also updated hotel api and frontend which re-populates cards based on whatever city is entered. Implemented Ski resort Cards on discover page by querying ski mountains database sort based on ski pass.

- **Zaphod**

- **Contributions:** In the PRoject, I created the register page frontend and backend, discover filter, and the homepage. Andrew and I designed all the UI and I set up the backend functions that save the new users info into the users database. I then created the filter function for the ski resort page by making a if statement sql request assembler. Finally I created the homepage to introduce our website and explain what it can be used for.

- **Koral**

- **Contributions:** In this project, I worked on creating the header partial and the navigation bar partial. I also worked on implementing the wishlist where a user has the ability to save their favorite Ski Resorts and look back at them to view additional information. From the discover page, a like button sends the information about the Resort to the database, and the wishlist page uses that information to post their saved favorites.

Recitation 011- Team 4

Logan Tilly

Jacob McKinney

Kobe Small

Koral Villalobas

Andrew Chaney

Zaphod Schmidt

- **Logan**

- **Contributions:**

- Created the initial database schema and updated it when necessary
- Added a function for displaying a Google Map directions <iframe>
- Added a function for retrieving the distance and travel time between a list of origin-destination pairs
- Added a function for retrieving weather alerts, hourly forecast, and daily forecast for a location
- Added an admin user for testing
- Added a page where the user can change their email, home address, password, and name
- Made multiple commits for formatting, re-organization, cleanup, and bug fixing across files in the repository
- Added a way to view the directions to a wishlist item using an api call and a Google Maps embed

Recitation 011- Team 4

Logan Tilly

Jacob McKinney

Kobe Small

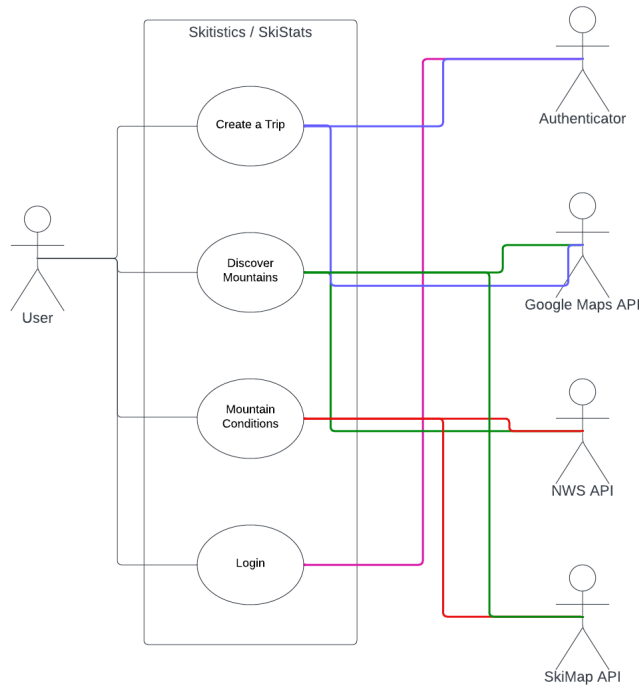
Koral Villalobas

Andrew Chaney

Zaphod Schmidt

Use Case Diagram

- Home page showing search to pick location and dates
- Once data is entered, create full ski Itinerary (show hotels, ski resorts, weather, etc)
- Discover page showing recommended/most popular ski trips



https://lucid.app/lucidchart/1d630545-b3f1-466e-9877-e8d1718f474f/edit?viewport_loc=-31%2C111%2C2129%2C1122%2C0_0&invitationId=inv_9463a006-302d-481d-b05e-c83900d1ce22

Testing and Test Results

Our main functionalities that we focused on were login and register, as well as the cards for ski resorts and the discover page. Users tested these features by testing an accurate register and login and then testing wrong password, wrong email addresses, and incorrect formats. These returned all the correct information including 'wrong password', 'wrong email', etc. The next focus was having users play around on the discover page and wishlist. Users used various filters and received accurate results in return. They also saved and deleted multiple mountains off their wishlist and the page continued to adapt correctly. Users also played around on the navbar and were able to change pages, logout, and access their user data with no issues.

Recitation 011- Team 4

Logan Tilly

Jacob McKinney

Kobe Small

Koral Villalobas

Andrew Chaney

Zaphod Schmidt

Demo Link

https://drive.google.com/file/d/1zBIct_nXa6obqScyyvIIUm0xQnkyltCT/view?usp=share_link