

PassPair

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Creating a better social experience for all skiers and snowboarders alike.

PassPair is a website designed to connect skiers and snowboarders based on their ski passes held and availability dates.

Our platform allows users to meet new people who share their passion for winter sports, thereby creating a vibrant community of ski enthusiasts

Tools:

Project
Tracker
& VCS

Github

5/5 - Agile, Peer Code Reviews, Good version control/code sharing

Database

MySQL

5/5 - Iterative, storing user data

IDE

VSCode

5/5 - Agile, lightweight for coding/debugging

UI Tools

Figma, HTML, EJS

5/5 - Iterative, great for web interface

NodeJS

Agile, useful for backend development - 5/5

Server & Framework

LocalHost, Azure

Tested on LocalHost, deployed on Azure - 5/5

Deployment

Google Calendar

Integrated for event scheduling - 5/5

External API's

Mocha

Ran some robust unit testing - 5/5

Testing Tool

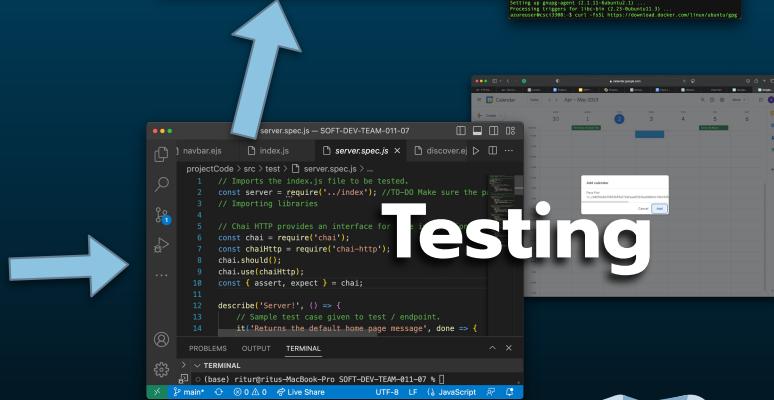
Architecture:



UI

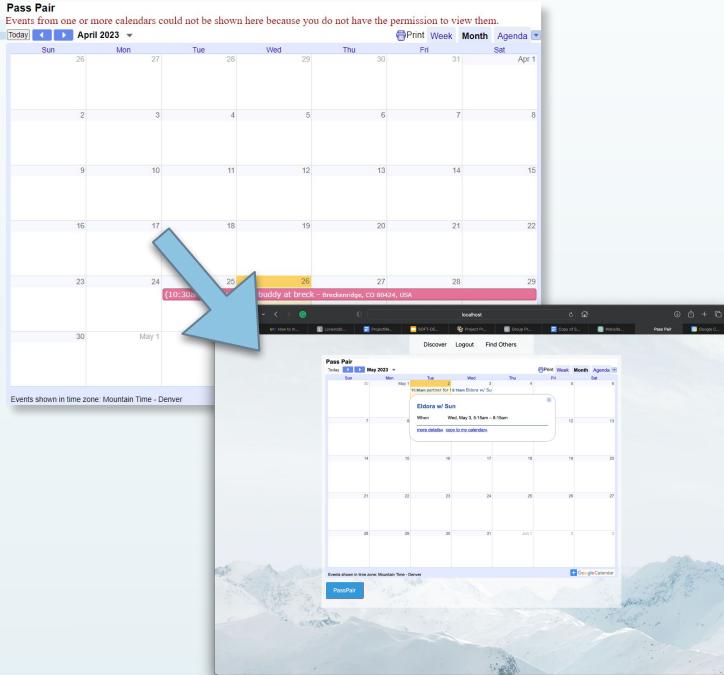
Deployment

Development



Testing

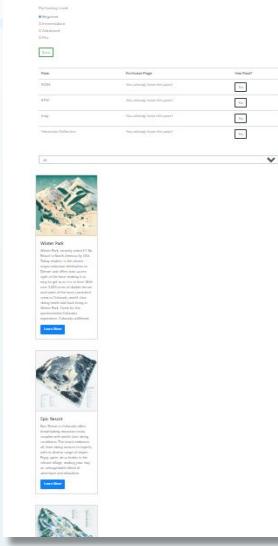
Challenges:



Google Calendar API – Originally we had plans of using the Google Calendar API to insert calendar events and use SQL queries to display other users with the same time slots and passes.

Resolved – We ended up embedding a Google Calendar.

Challenges:



Discover Formatting/Filter – Firstly was the development of the filter itself. Once that was created we needed to actually show the results of the filter as it was changed in real time. The challenge came when the filter would change states and sometimes completely destroy the formatting.

Resolved – Adding extra elements keep track of rows and columns. Making the job more front end heavy.

- ✖ Refused to apply style from '<http://localhost:3000/style.css>' because its MIME type ('text/html') is not a supported stylesheet MIME type, and strict MIME checking [discover:1](#) is enabled.
- ✖ Uncaught TypeError: Cannot read properties of null (reading 'value')
at [discover:49:57](#) [discover:49](#)
- ✖ Refused to apply style from '<http://localhost:3000/style.css>' because its MIME type ('text/html') is not a supported stylesheet MIME type, and strict MIME checking [discover:1](#) is enabled.

PassPair

Demo:

<http://recitation-011-team-07.eastus.cloudapp.azure.com:3000/login>

