



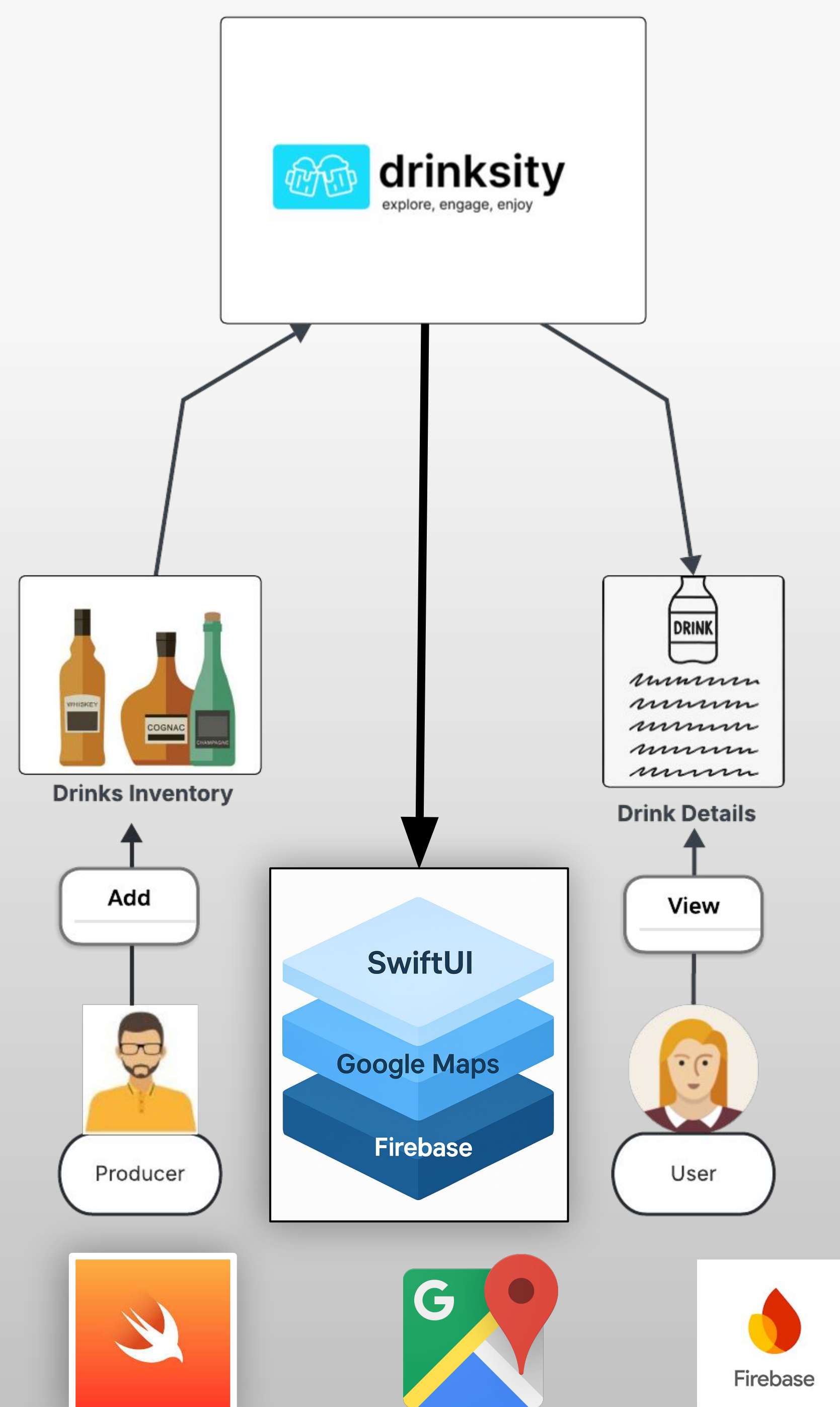
## Introduction

### Client Based App Development

Drinksity is a mobile app we built as part of our year-long Software Engineering course (CSIS 415). Our team partnered with a real local client to create an app that helps people discover and connect with nearby breweries, distilleries, wineries and cideries. Throughout the year, we followed an Agile methodology from meeting with the client and gathering feedback to designing, building, and testing the app. Drinksity is all about making brewing exploration more fun and social, with features like interactive maps and digital passports. It's designed to support both users and businesses in the local craft scene.

## Architecture & Tech Stack

### Tools and Software We Used



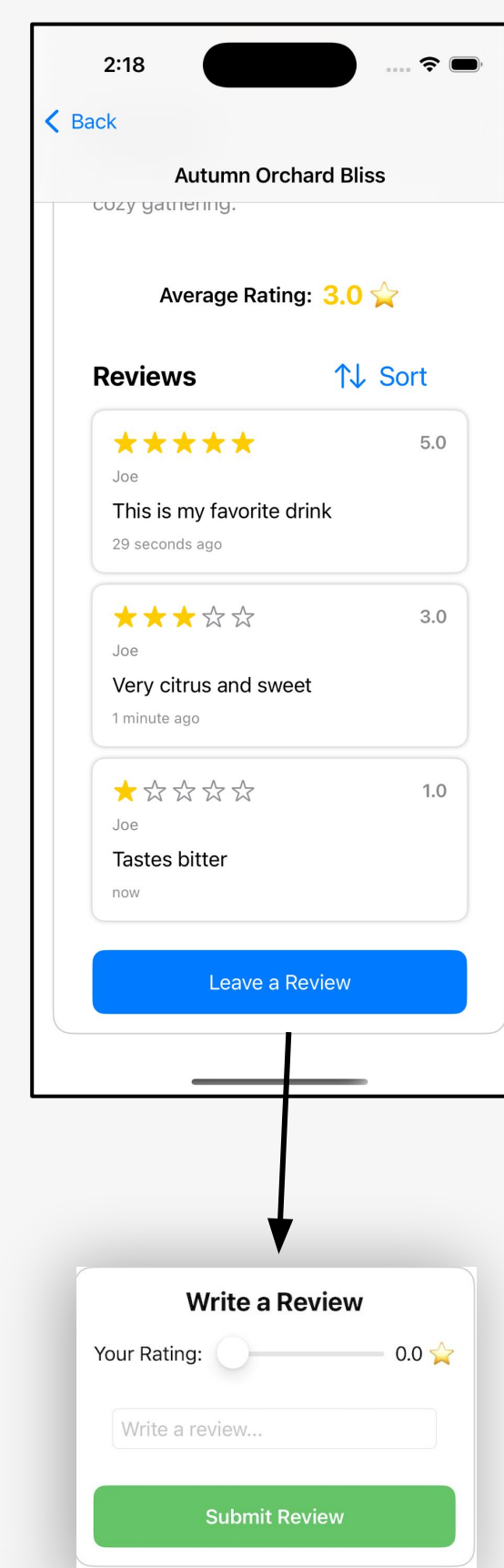
## Features by Page

### Drinks Page



#### Multi-Types and Filtering

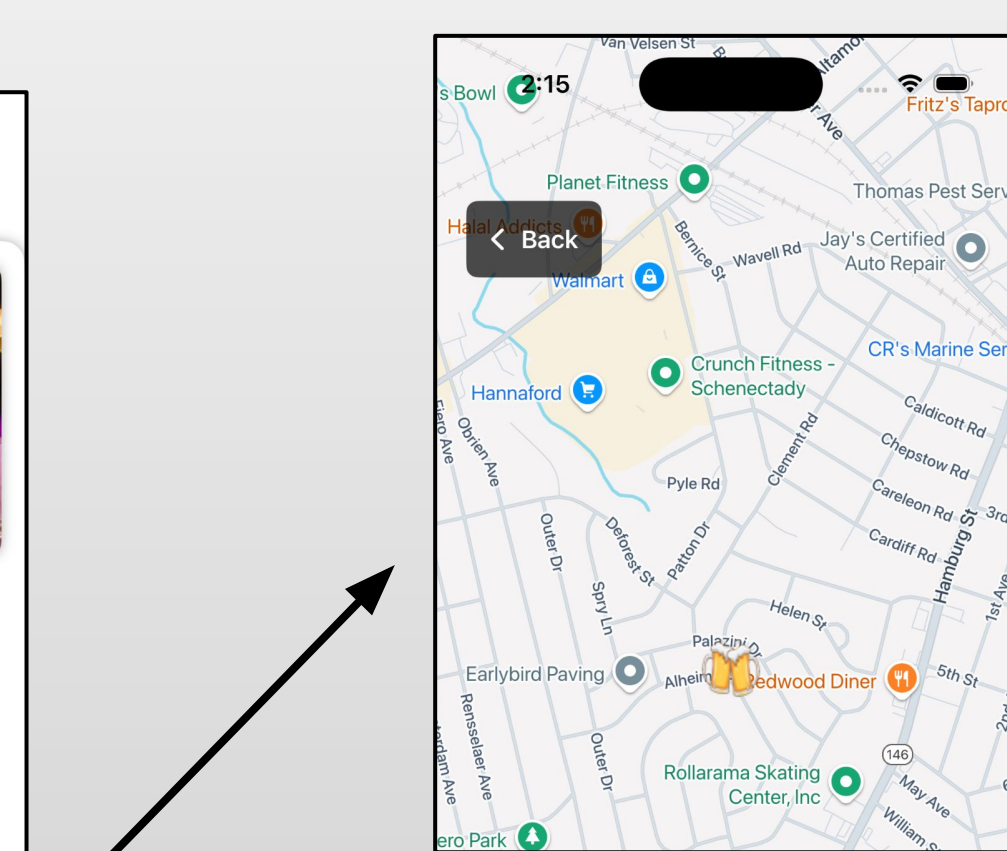
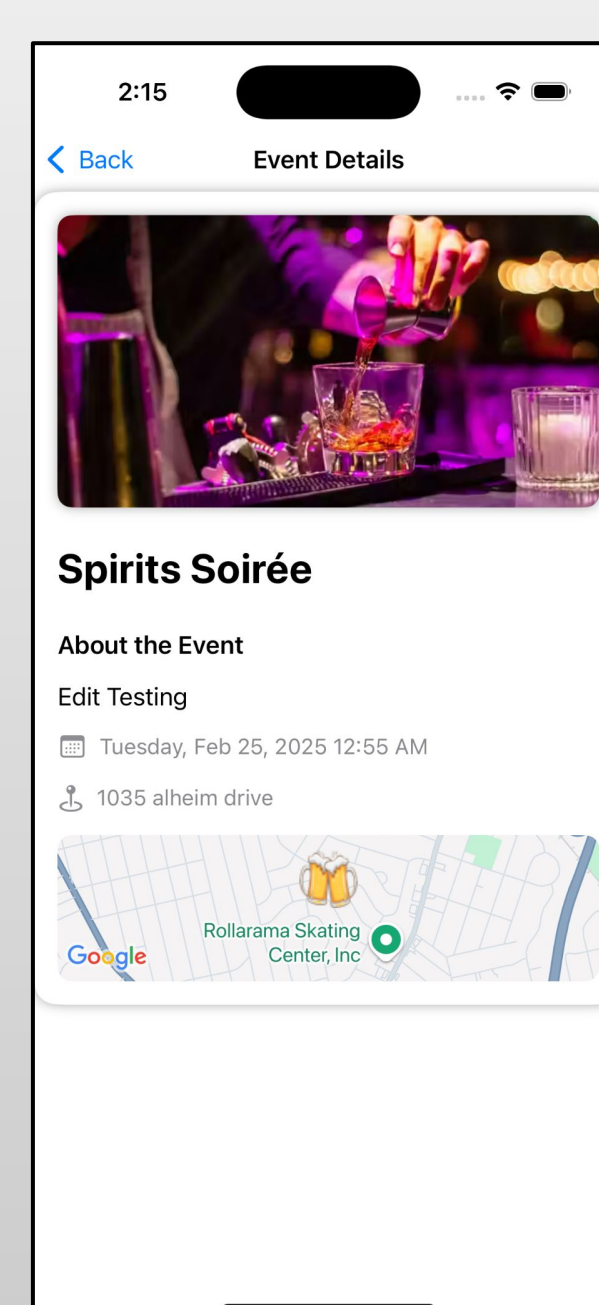
- Each drink itself has a main alcohol type along with a more specific sub-type
- Users have multiple options for filtering
- Every drink interactable and navigation is simple



#### Review & Rating Feature

- The average rating display gives users immediate feedback on a drink's popularity
- Sorting reviews dynamically by date and rating
- User-generated reviews make the experiences more personal and interactive

### Events Page



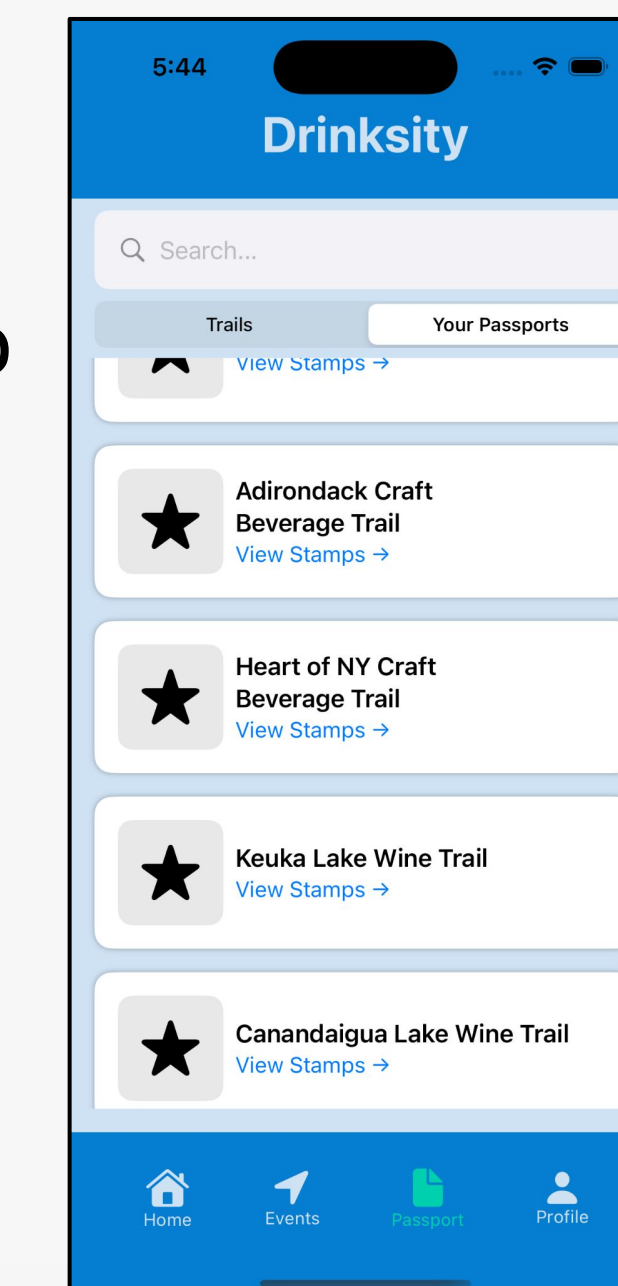
#### Interactive Google Map

- Helps users see exactly where event is located
- Users can zoom, scroll, and explore the area of the event

### Passport Pages

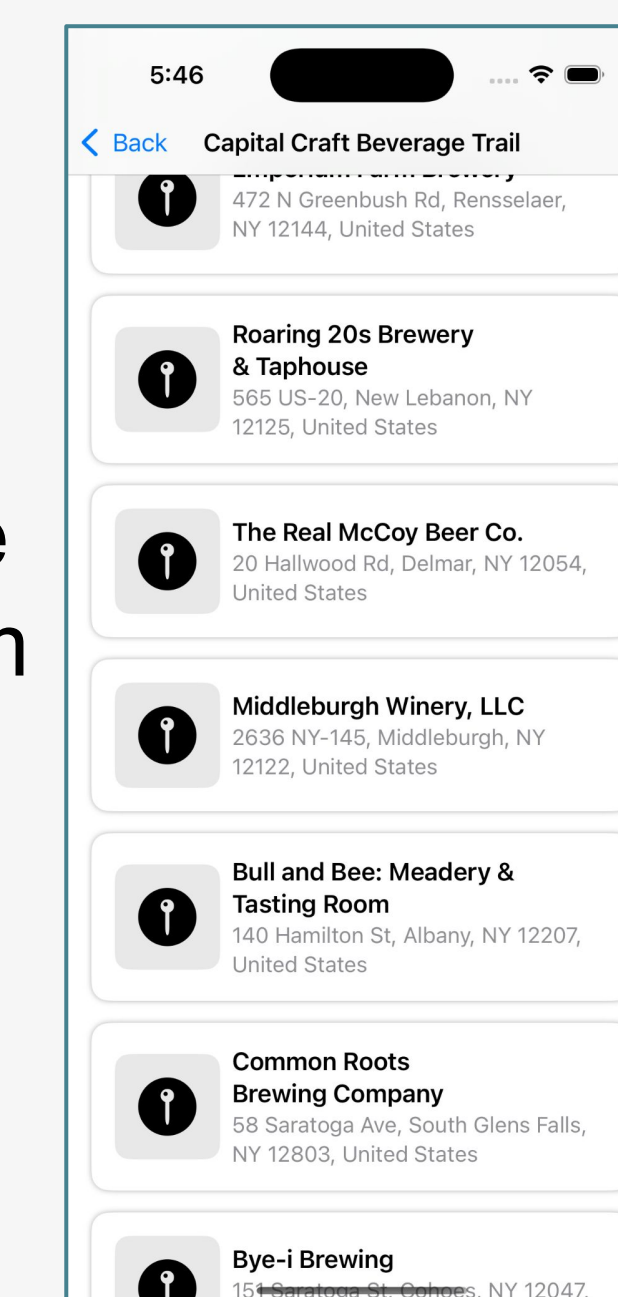
#### Your Passport Feature

- This allows users to browse different passports
- Pulls real data from the New York State Trails Page
- Gives a simple way to navigate user passports

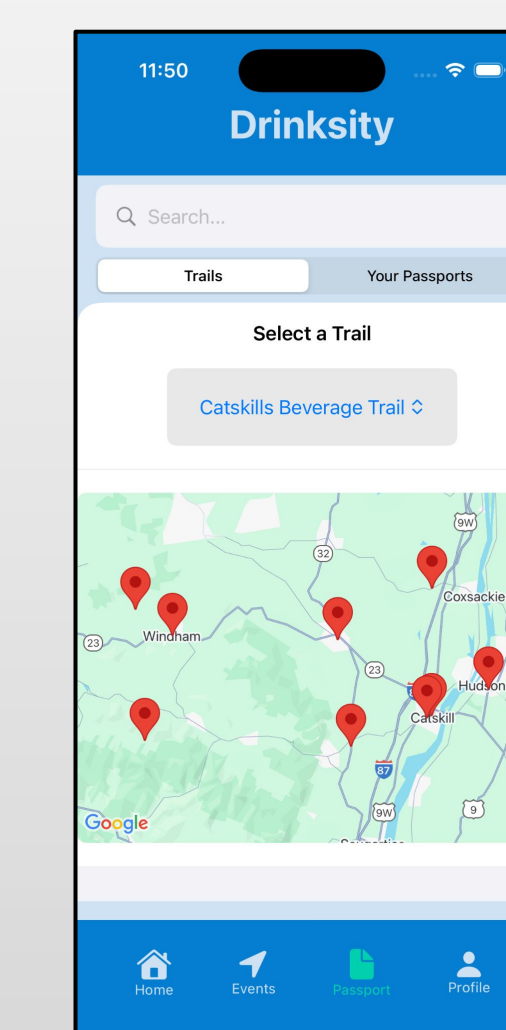


#### Passport Stamps Feature

- This feature allows users to track what breweries they have already been to from a specific trail
- Shows all locations that are part of a trail
- Gives the user an address and other information about the brewery

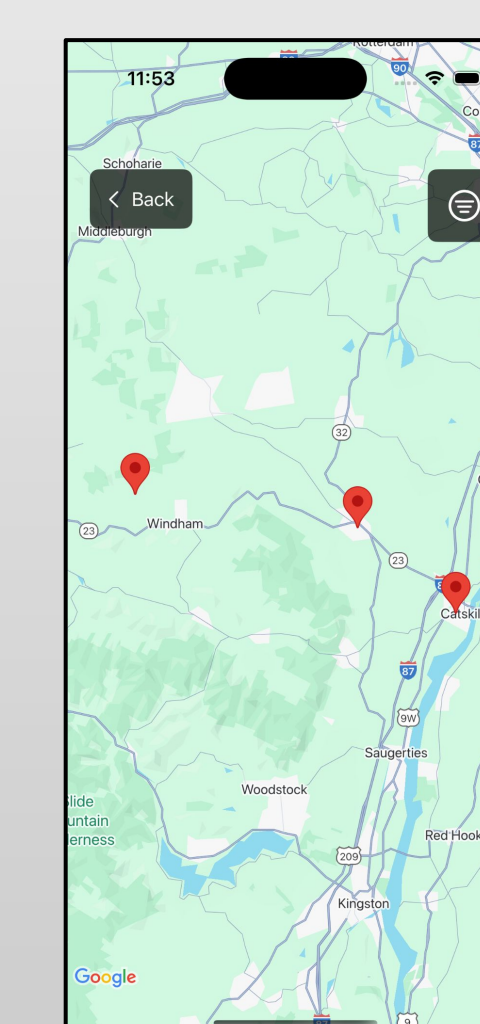


### Trails Page



#### Trail Locations on Map

- Allows users to see breweries relative to each other
- Shows location per trail
- 16 New York Trails added



## Product Vision

### Mission of Our Project

Drinksity is a mobile app aimed at connecting craft alcohol enthusiasts with local producers through a map tool and community-driven ratings. It provides a tailored experience for users looking to explore new drinks in their area through craft beverage trails. By integrating location-based analytics with user feedback, It creates community-centered space where both consumers and producers can thrive in the craft alcohol scene.

## Acknowledgments

### Support from Team and Faculty

We would like to thank our client, Justin Kenyon, for supporting us throughout the project and for his patience and collaboration. Thank you to Dr. Cotler and Prof. Chaudhari for guiding us and always being readily available to answer any questions or issues we encountered during this project. Finally, thank you to the Siena College Computer Science Department and our classmates for their invaluable support throughout this process.

## Future Work

### Figma Mockups for Future Teams

