



CSC 680 Spring 2023

cityApp

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<https://github.com/powersleo/cityApp>

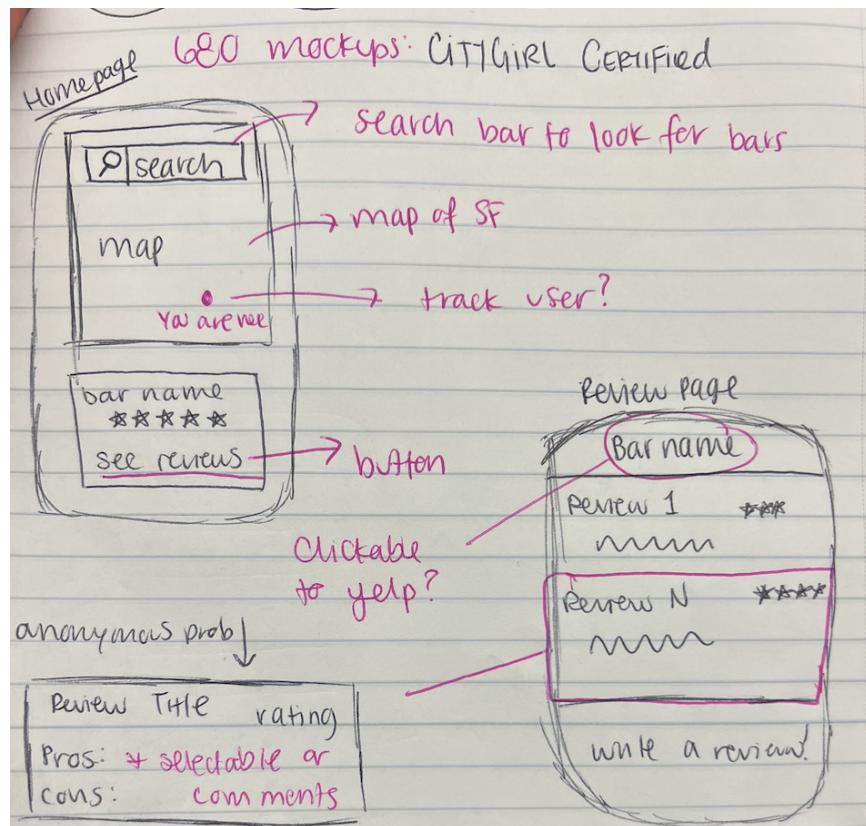
1. Executive Summary

As freshly legal drinking age participants, we have found that there are many different factors that come into play when choosing the right bar for tonight's party. Living in a big city, there are also lots of options. Of course, not every option is for everyone. Some places can be uniquely tailored to certain crowds and even be unwelcoming to others. Maybe the bar chosen for the night is known for having a rowdy crowd or a security compromise. The reality of the world is that unsafe environments exist, especially in large cities. One of the main problems in San Francisco is the introduction of fentanyl ridden drugs and common overdoses. Though it is not openly talked about, getting roofied in the club happens. Because of experiences that can be harmful rather than fun, we wanted to make sure that we can contribute to the safety of the nightlife scene by creating the cityCertifiedApp. Our app is a way for the local community to participate in spreading the word of their experiences at each bar/club. The app contains a map of San Francisco's drinking destinations, where the users are able to write a review based on their observations. What makes us unique is the Safety Review option that contains ratings of these places's security, crowd, ambiance and overall safety. Our goal is to make young people feel excited to go out knowing that they have chosen a spot that is right for their safety needs. It's fun to be young, but it's even more fun to know you'll be able to get home in one piece.

2. List of Pages:

MockUps:

Original plans for the apps, brainstorming and sketches.



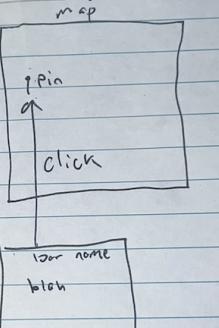
Todo: APP project

- Bar locations view
 - allow reviews to be added
 - clickable yelp page
 - for view reviews

Map view

- Searchable locations
 - Yelp api for locations unless Mapkit native support

User view
User pop up page



Settings view

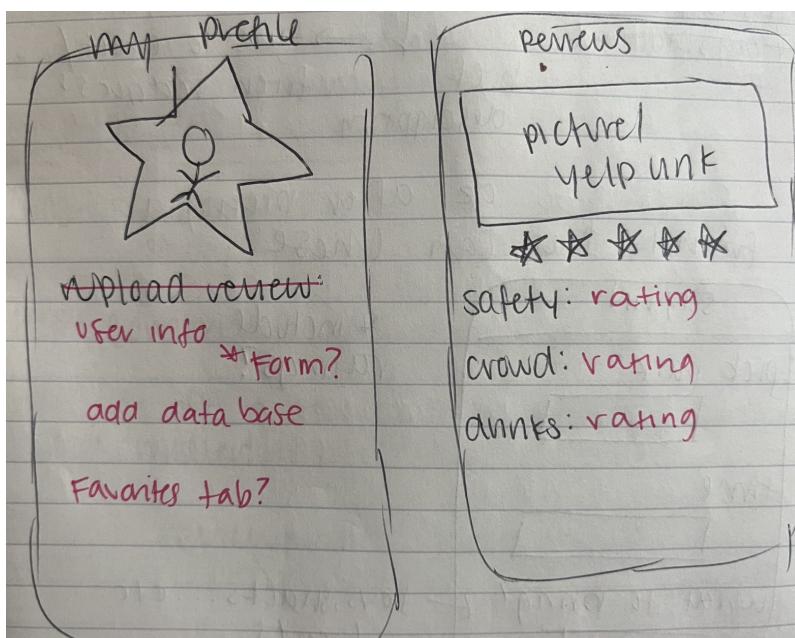
- Dark mode

recent views

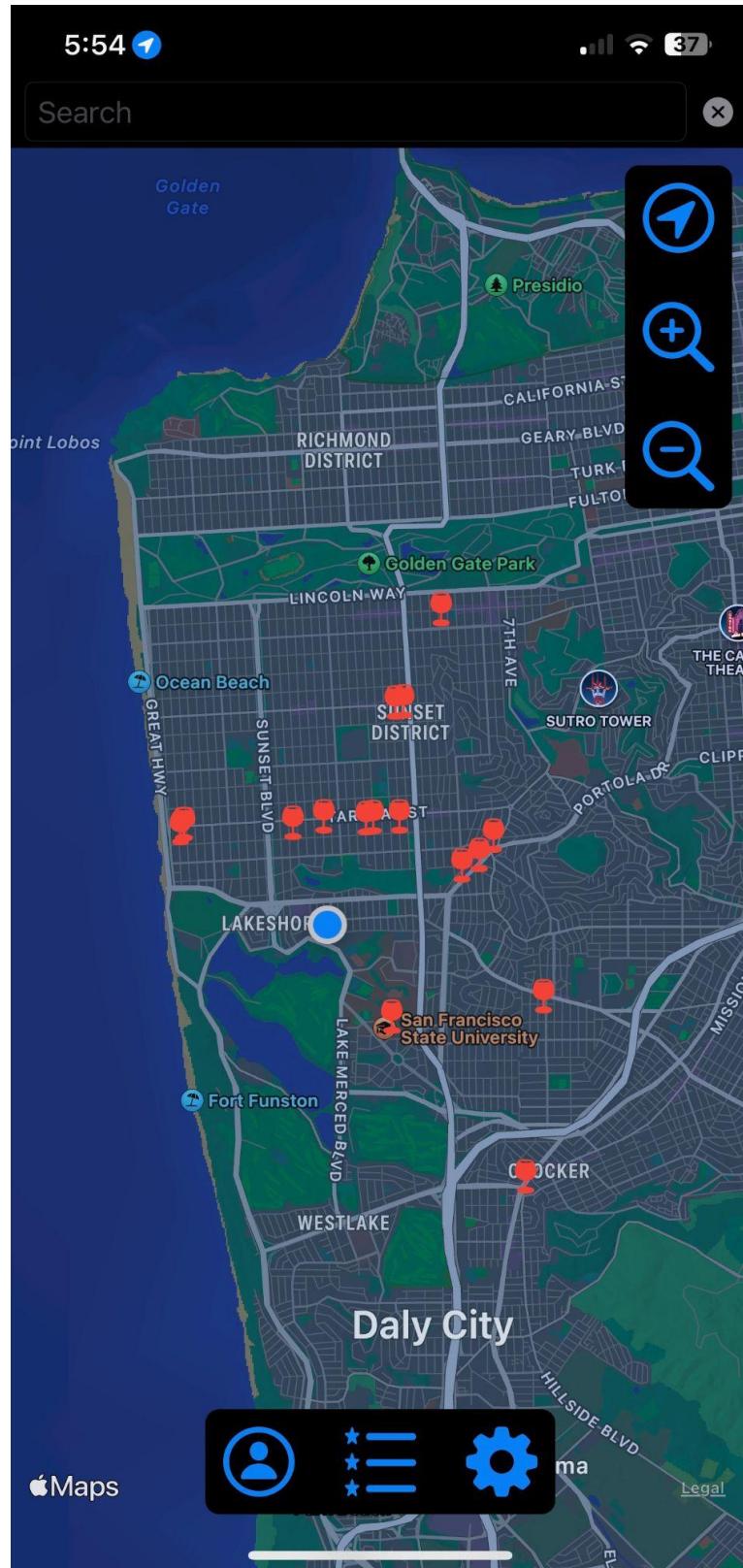
- Save recently viewed locations

General

- Redesign vi
- add backend if time?



UI Pages:
(Dark Mode)



5:54 37%

Cancel

Write a Review

ENTER A NAME

Name

RATING: 1

CROWD: 1

DRINKS: 1

SECURITY: 1

WRITE A REVIEW:

Save

5:54



Search X



Distance: 0.79 miles

The Pub At SFSU

(415) 338-3487

1650 Holloway Ave



Add to Favorites

Reviews:

Name test

Rating: ★★★★☆

Crowd: 😊😊😊😊😊

Drinks: 🍹🍺🍺🍺🍺

Security: 🔒🔒🔒🔒🔒🔒

Review:

Test test tes

Close



Maps

Holy Trinity
Greek Orthodox
Church

(Light Mode)

Back

User Info Page



Username

ACCOUNT

Email

Phone Number

Password

FAVORITES

No favorites :(

 Back

Settings

NOTIFICATIONS SETTINGS

Notification:



SLEEP TRACKING SETTINGS

Sleep tracking:



Sleep tracking mode

Dark Mode 

Sleep goal is 8 hours

MY ACCOUNT

[Change Password](#)

[Restore purchases](#)

[View purchases](#)

[Report a Problem](#)

[Close](#)

Recently Viewed Locations



No locations viewed

3. List of Function

Must Have/ Priority 1 Functions:

- Users shall be able to see a map of San Francisco.
- Users shall be able to use the map search bar.
- Users shall be able to locate a nightlife location using Apple Map API.
- Users shall be able to click on a nightlife location.
- Users shall be able to see reviews of a nightlife location.
- Users shall be able to write a review of a nightlife location.
- Users shall be able to view user profiles.
- Users shall be able to click between different pages.
- Users shall be able to run apps smoothly on iOS 16.4+.

Priority 2 Features:

- Users shall be able to see recently viewed locations.
- Users shall be able to change to dark mode in the settings page.
- Users shall be able to change user profile information.
- Users shall be able to choose categories when writing reviews.
- Users shall be able to add favorite places to profile.

4. How to Run/Use

Download App from Xcode on device iOS 16.2+.

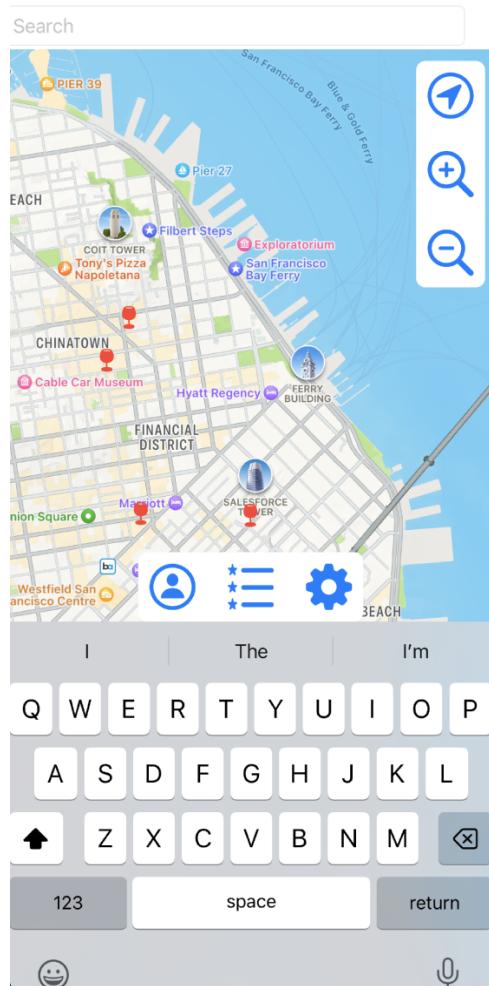


Features from left to right:

Profile page - click to navigate towards user's profile page, includes selected favorites.

List - to see recently reviewed bars or clubs, each location is clickable to see reviews.

Settings - navigate to modify user's information/view or to report a problem.



Search bar to locate a specific nightlife location

Each red wine glass represents a clickable location that will present the option to write a review or to view the already existing reviews (if applicable).

5. Sources

Yelp API:

https://docs.developer.yelp.com/reference/v3_business_search