

Aware City

Empowering individuals
in need today

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Our Team:



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Encarnacion**



Fredy Sorto



Table of Contents:



Our Motivation:

Housing for All

Helping vulnerable Individuals
find homes

Giving Back to Your Community

Donate and lend a hand



Accessible Resources

Making necessities easier to
find

Collaborating for Change

Fostering community support
for those in need

Existing Applications:

ShelterApp:

Assist individuals experiencing homelessness with emergency shelter and connect with resources in the **West Coast**.

WIN: What I Need:

Connects individuals to essential services, including food, shelter, healthcare, and employment opportunities in **Los Angeles**.



The Bowery Mission:

A non-profit organization that provides services such as meals, shelter, and medical care to the homeless.

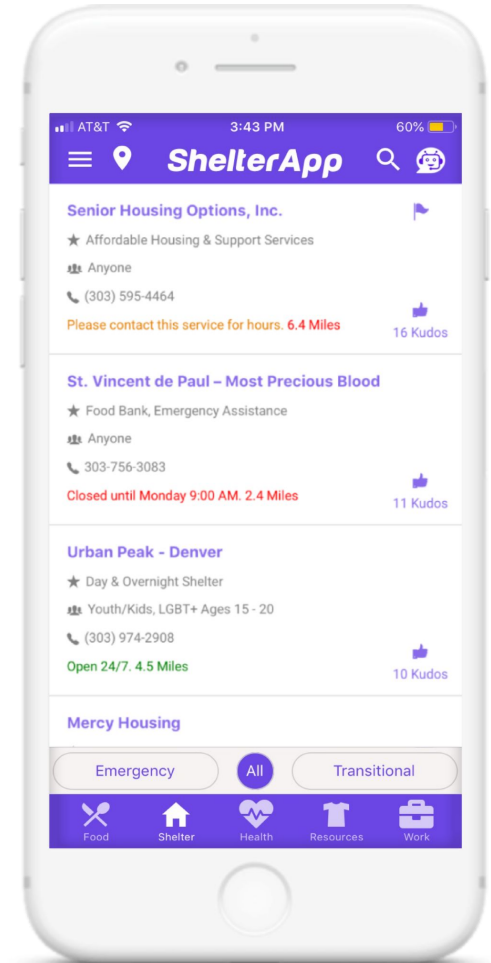
OurCalling:

Provides access to a directory of services, crisis hotlines, emergency shelters, and other essential resources in **Texas**.



ShelterApp:

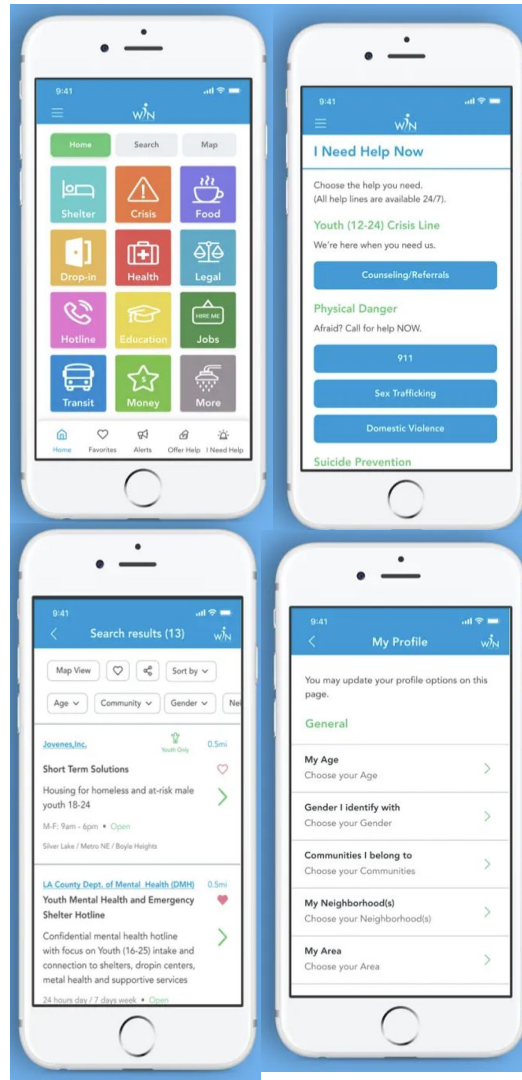
- Users can easily **find and filter services** based on their needs.
- Users can access a **crisis line for emotional support** and connect with registered providers.
- **List or manage a service**, with updates on the availability of resources.
- Service providers can **request feedback from users**.





WIN: What I Need:

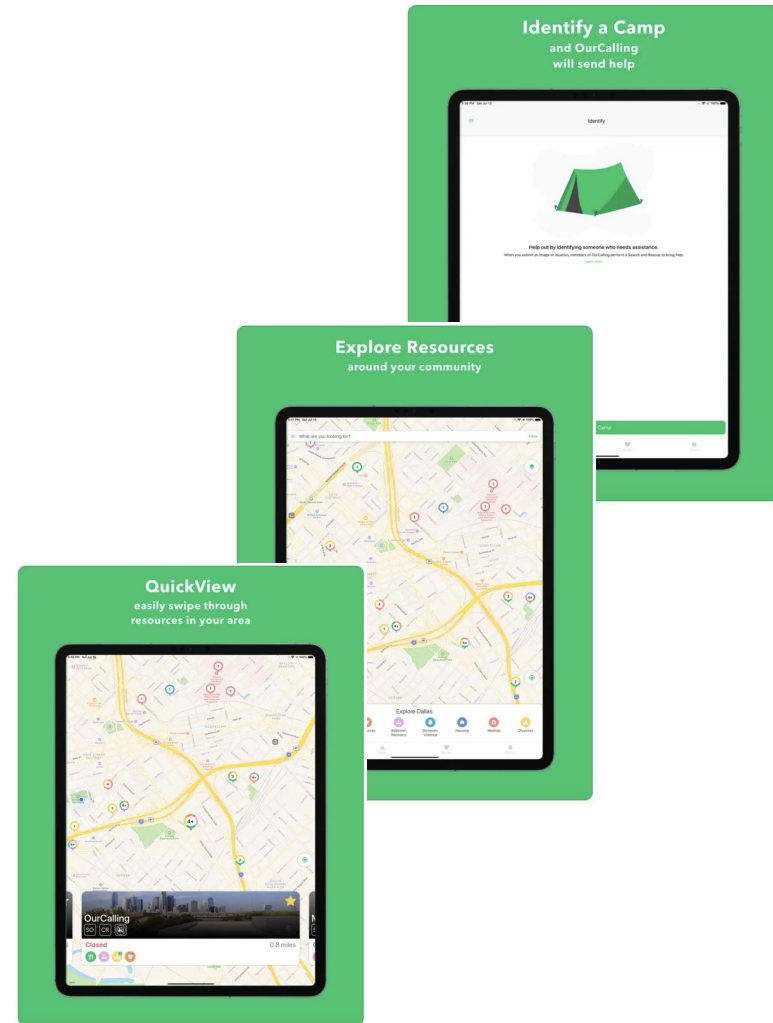
- **Access to over 2,200 free programs**
 - food, shelter, healthcare, legal aid, jobs, transportation, education, government benefits, hotlines, hygiene facilities
- Offers an **"I Need Help Now" one-tap function**, allowing users to connect to emergency services quickly.
- Has an **alerts notification feature**, which sends users important community announcements.





OurCalling:

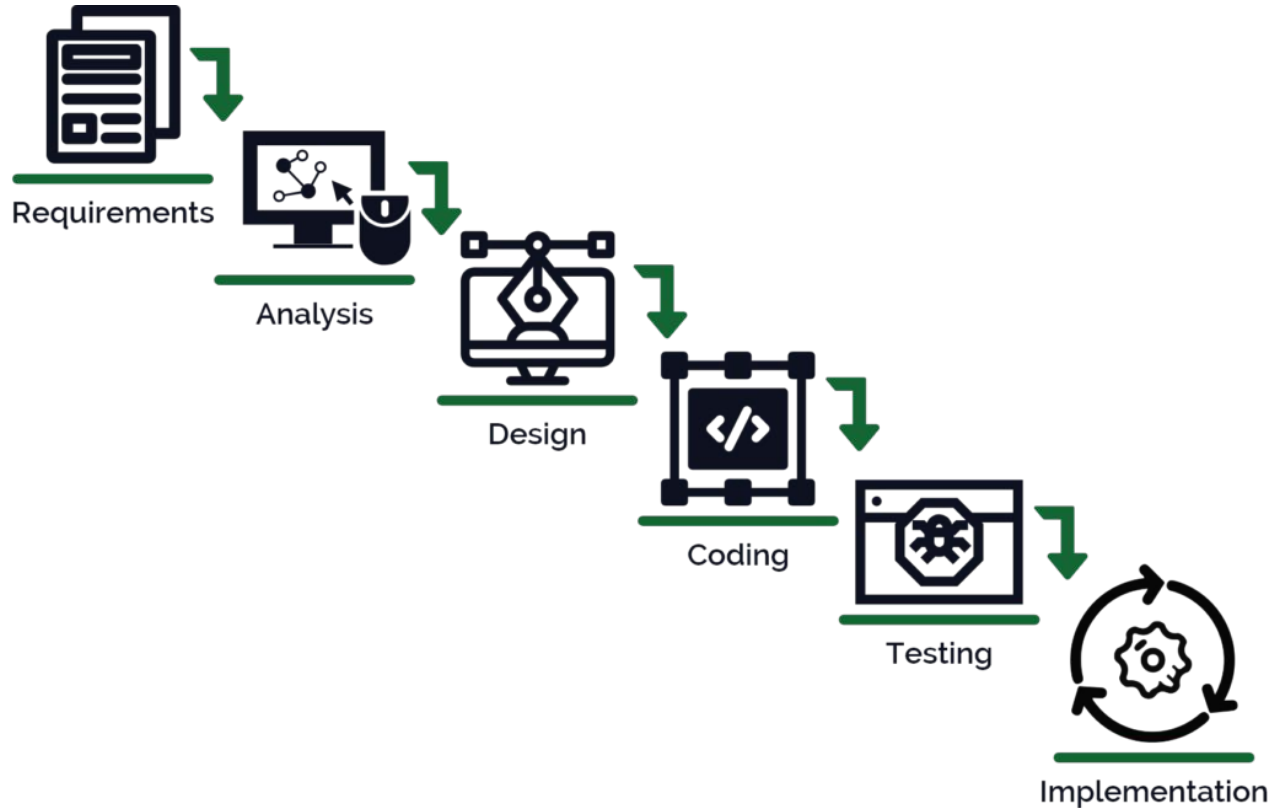
- Intends to develop, heal and strengthen the relationships of those in need.
- **Offers a community section** where users can connect with other communities and receive emotional support from trained volunteers.
- Allows outside users the ability to **report a homeless camp location** by taking a picture and OurCalling's search and rescue team will visit them and provide them with different resources.



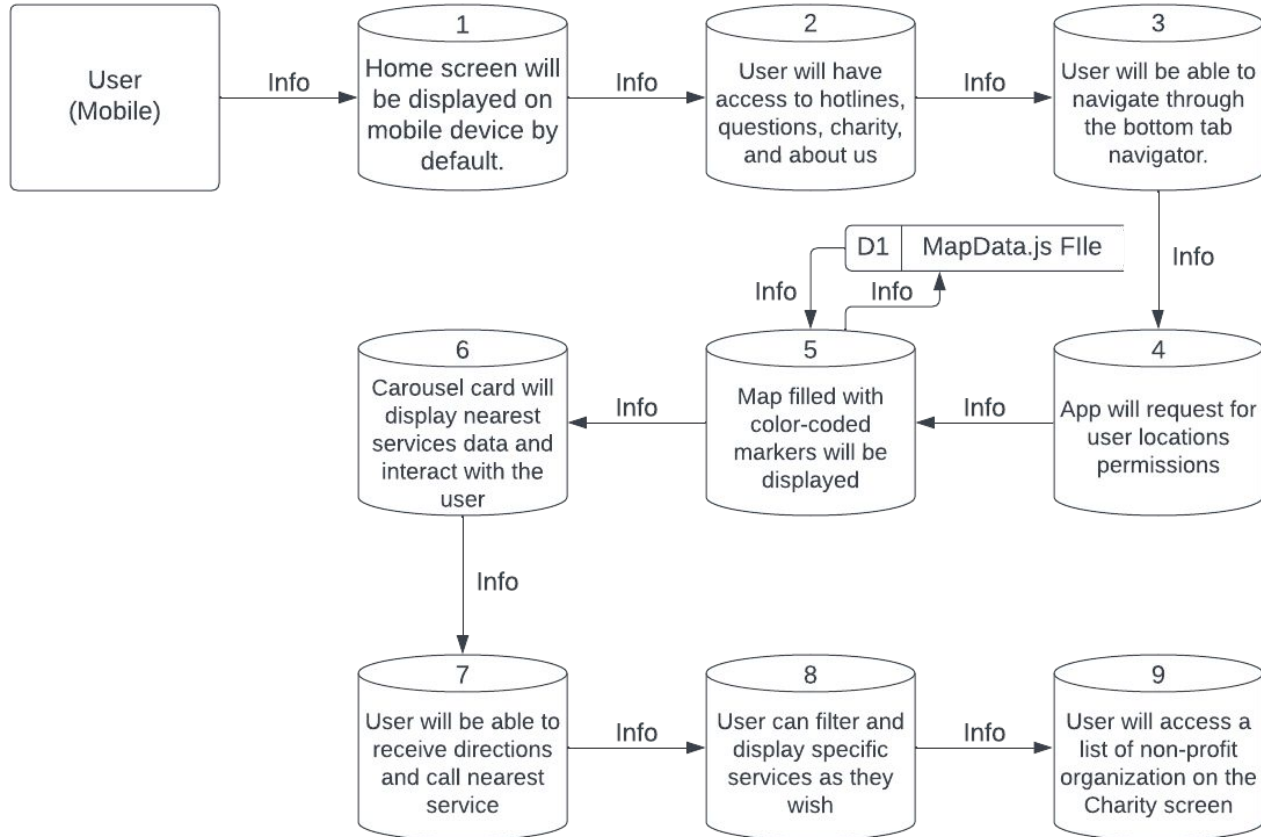
Our Design



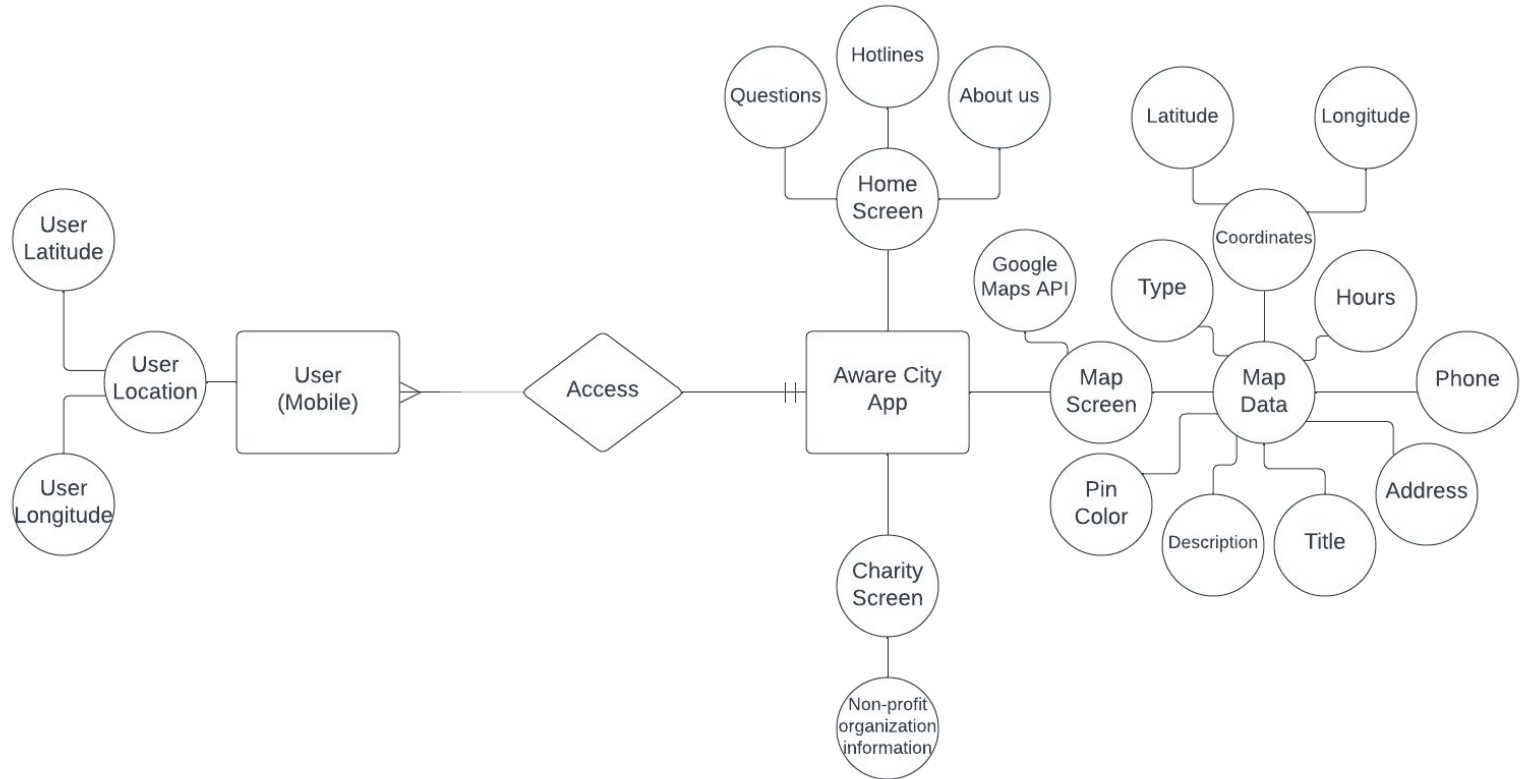
Waterfall Model



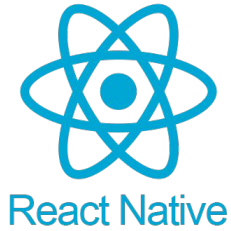
Data Flow Diagram



Entity Relationship Diagram



Technology & Tools:



Frontend framework



Backend runtime environment

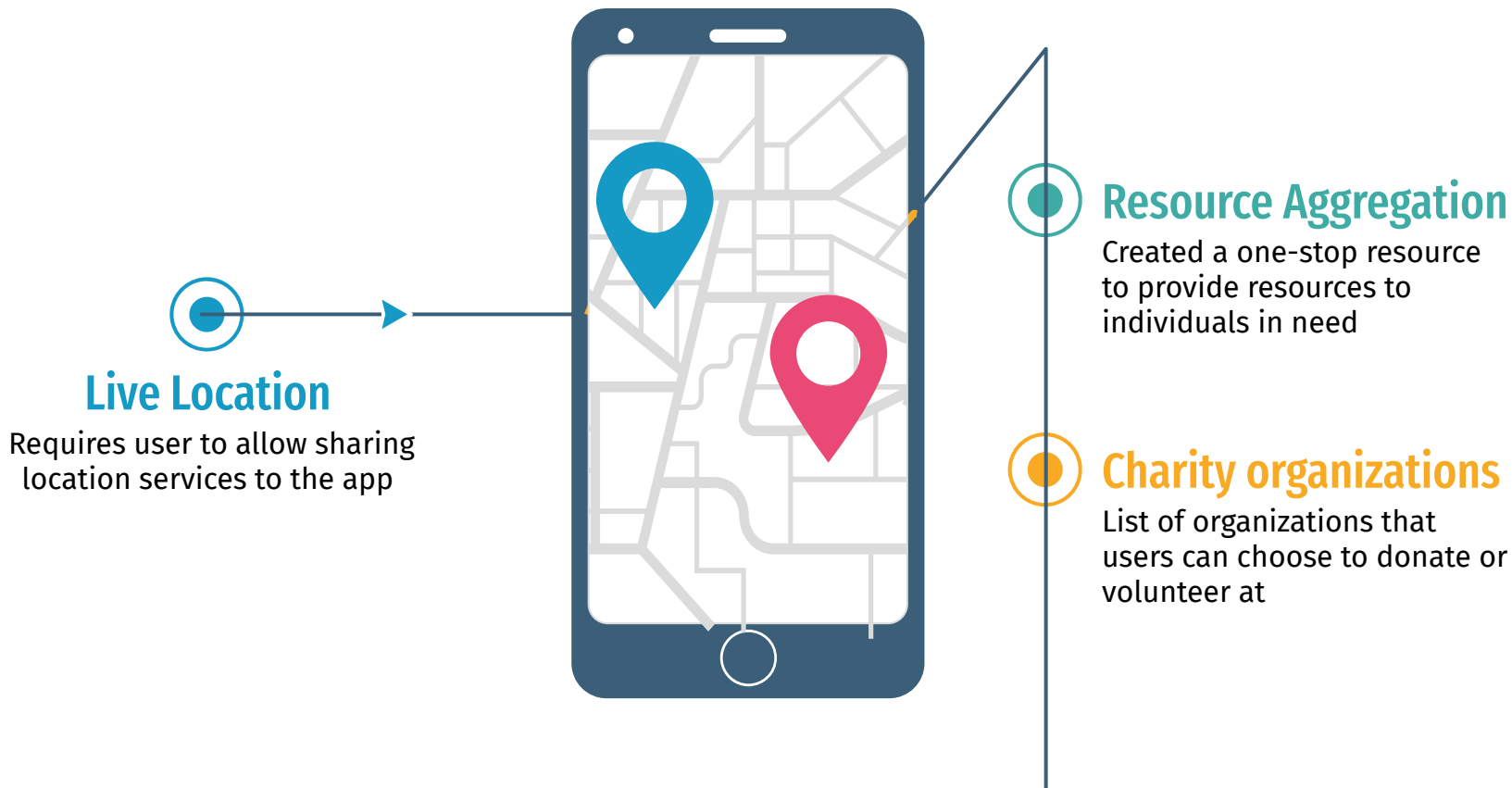


Programming language

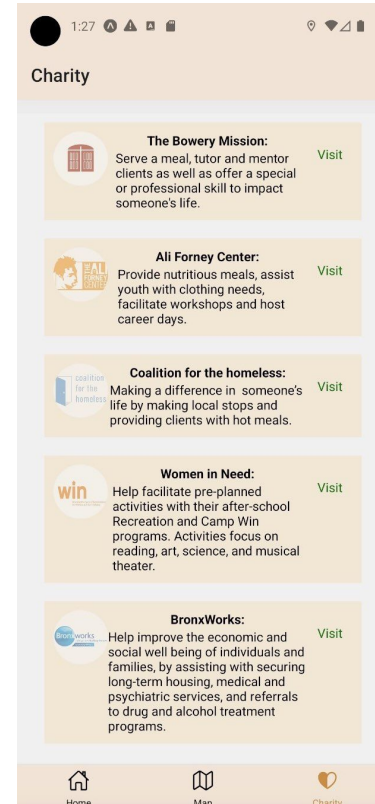
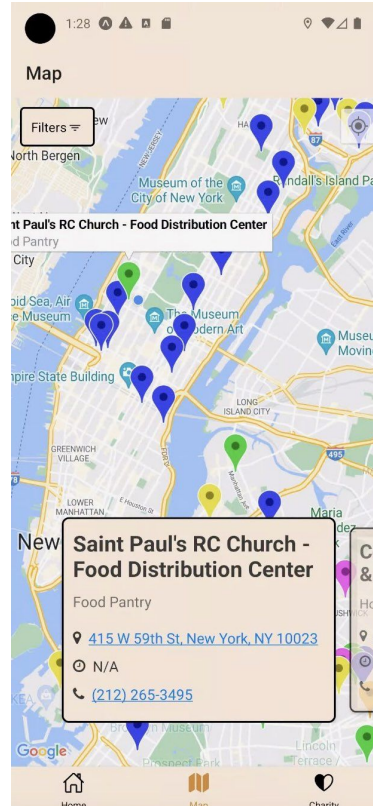
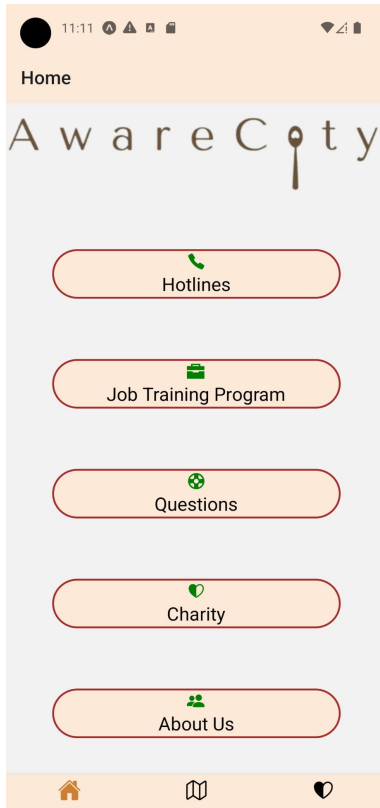
Expo



Implementations



User Interface Screenshots:



Testing

Using Expo app; Android + iOS

Compatibility Testing



Multiple locations on the Map Screen

Integration testing



Android Studio + XCode

Alpha / Unit Testing

Demo



Future Work

Content Management System

Ability for developers to manage data and update markers dynamically

LinkNYC

Quickest way to put it into the hands of the people who may need it the most



User Authentication

Giving users the option to create an account to save preferences and receive updates on them

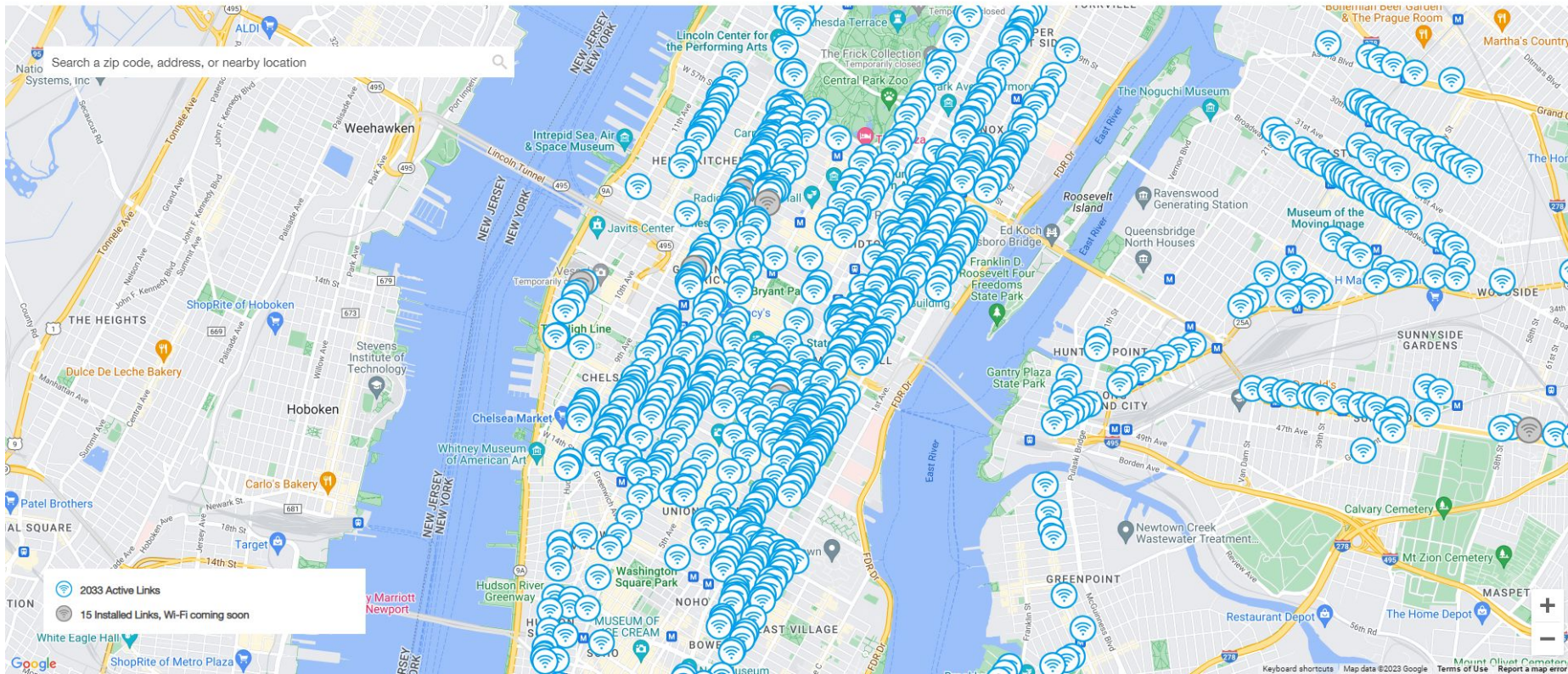
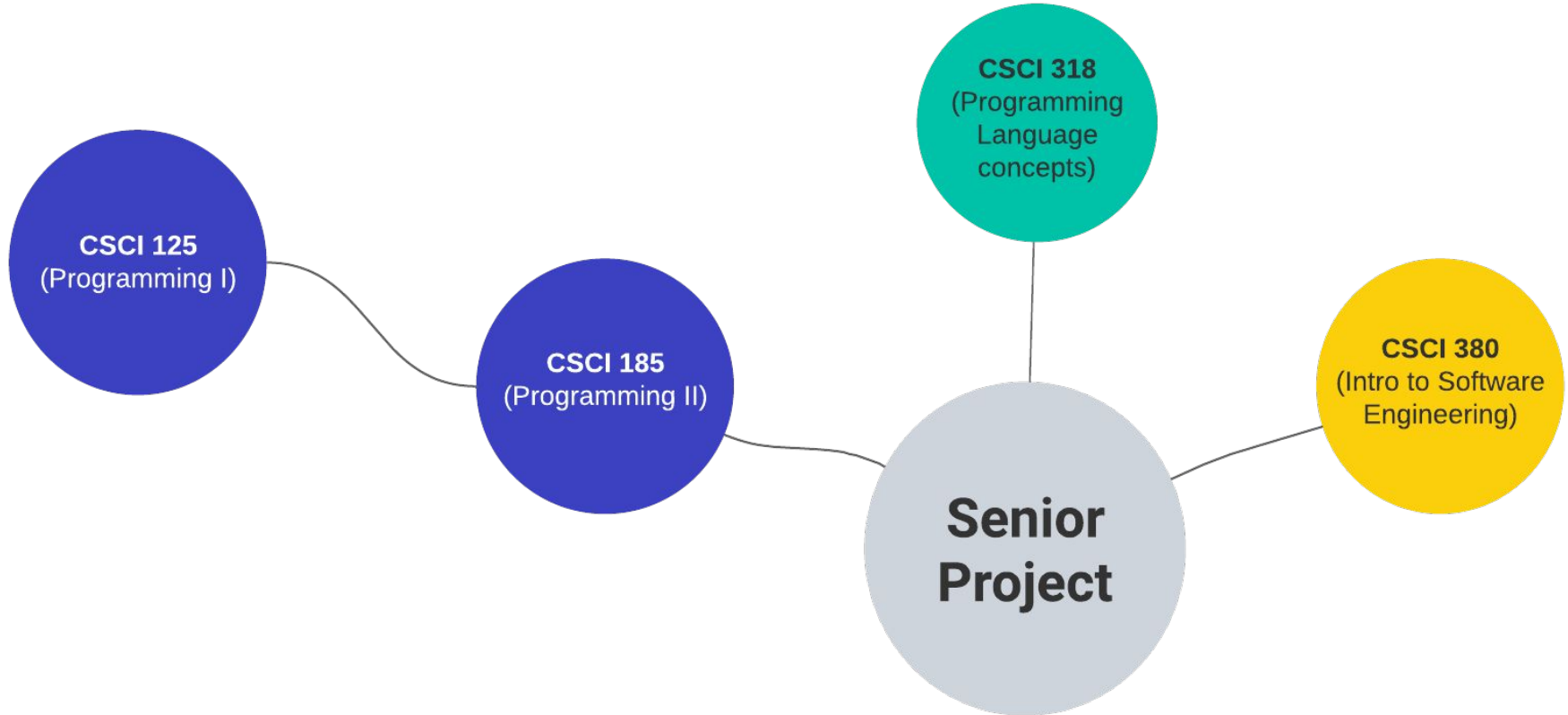


Diagram of Previous CSCI Courses:



A w a r e C i t y

Thank you!



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