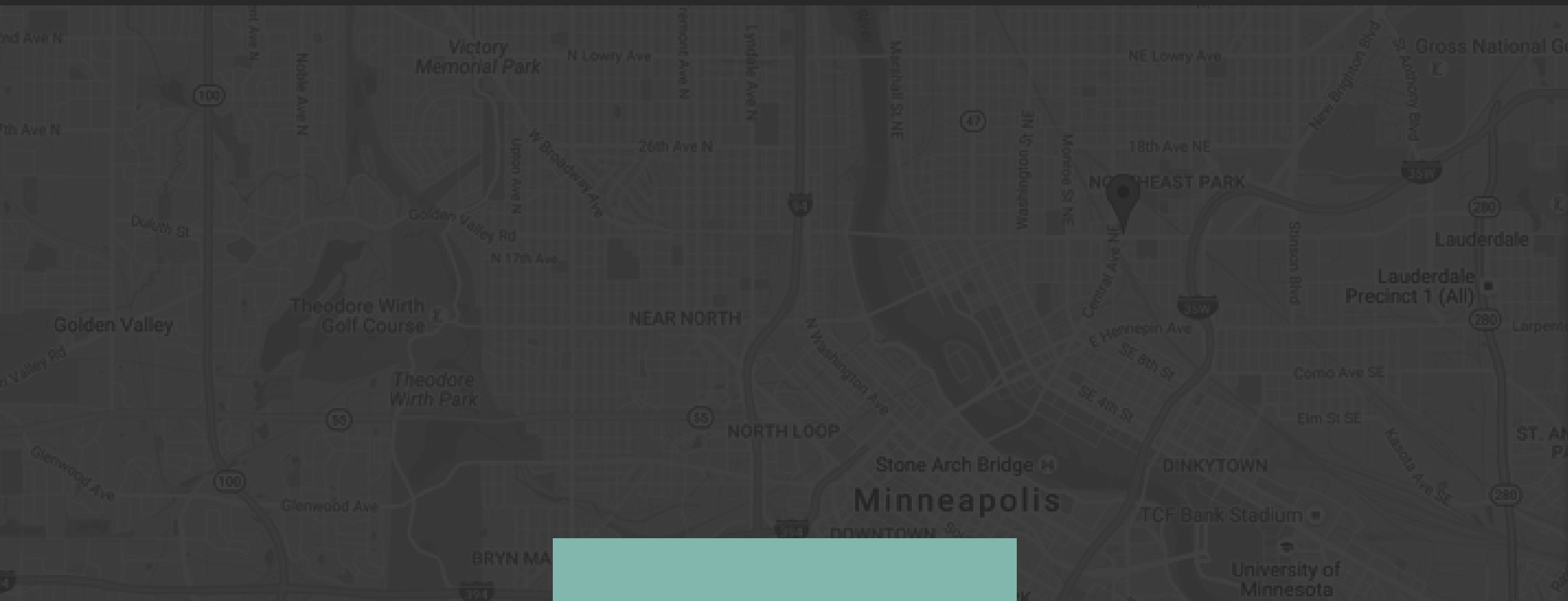




uExplore

Sharvari Sangle, Ilya Lutskiy, Joseph Dinh, Isaac Swartzter, Nichole Tester

uExplore is an application designed to assist tourists in finding the nearest amenities, services, and attractions to their current, and most likely unfamiliar, location. While it was created with the intention of assisting those new to an area, it also proves useful to locals and anyone else looking to learn more about the area surrounding the ground they stand on.



As a tourist, I want to have easy access to restaurants, attractions, and travel distance so that I don't waste time researching where to go.

As a tourist, I want to have a map to view where I am at so that I can navigate to the location with reasonable time to maximize experience.

As a tourist, I want to see detailed information and reviews of a location so that I can know what I'm getting into before I spend time going there.



User Stories



Our application, in its current state, features an interactive map that pulls the user's current location (upon user approval) and displays nearby places-of-interest to the user.

Preloaded categories of “Cafe”, “Store”, “Restaurant”, “Bar”, and “Bank” exist alongside the user's capability to search and customize five additional categories to best suit their personal interests.

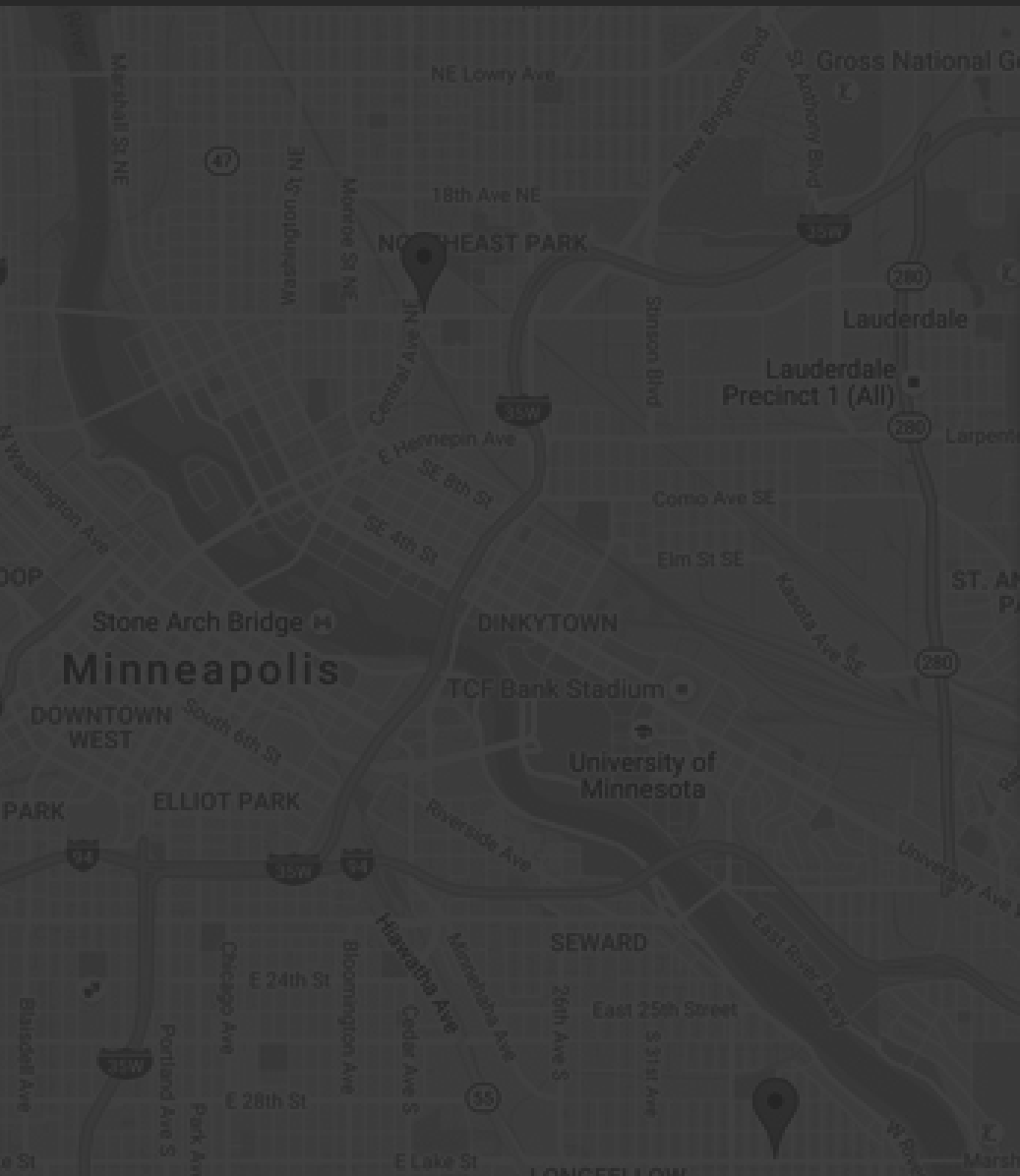


Dropdown Menu

Allows users to easily access pre-loaded categorized locations

Search bar allows users to search for categories that are outside of those provided

Customizable to include five user-specified "favorite" locations/categories.





uExplore



Minneapolis, MN: 67° F
Scattered Showers And Thunderstorms



uExplore



Minneapolis, MN: 67° F
Scattered Showers And Thunderstorms

uExplore



Minneapolis, MN: 67° F
Scattered Showers And Thunderstorms



Dropdown ▾

cafe
store
restaurant
bar
bank

What to search?

Add Favorites

Reset Favorites

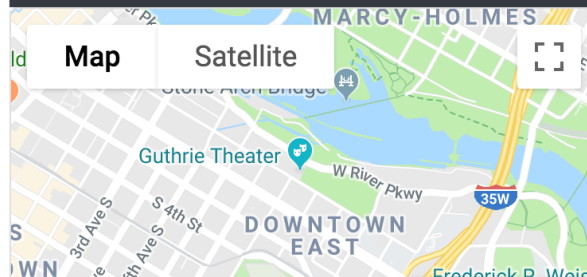


Dropdown ▾

school

Add Favorites

Reset Favorites



Dropdown ▾

cafe
store
restaurant
bar
bank

lodging
church
music
school
hiking

What to search?

Add Favorites

Reset Favorites

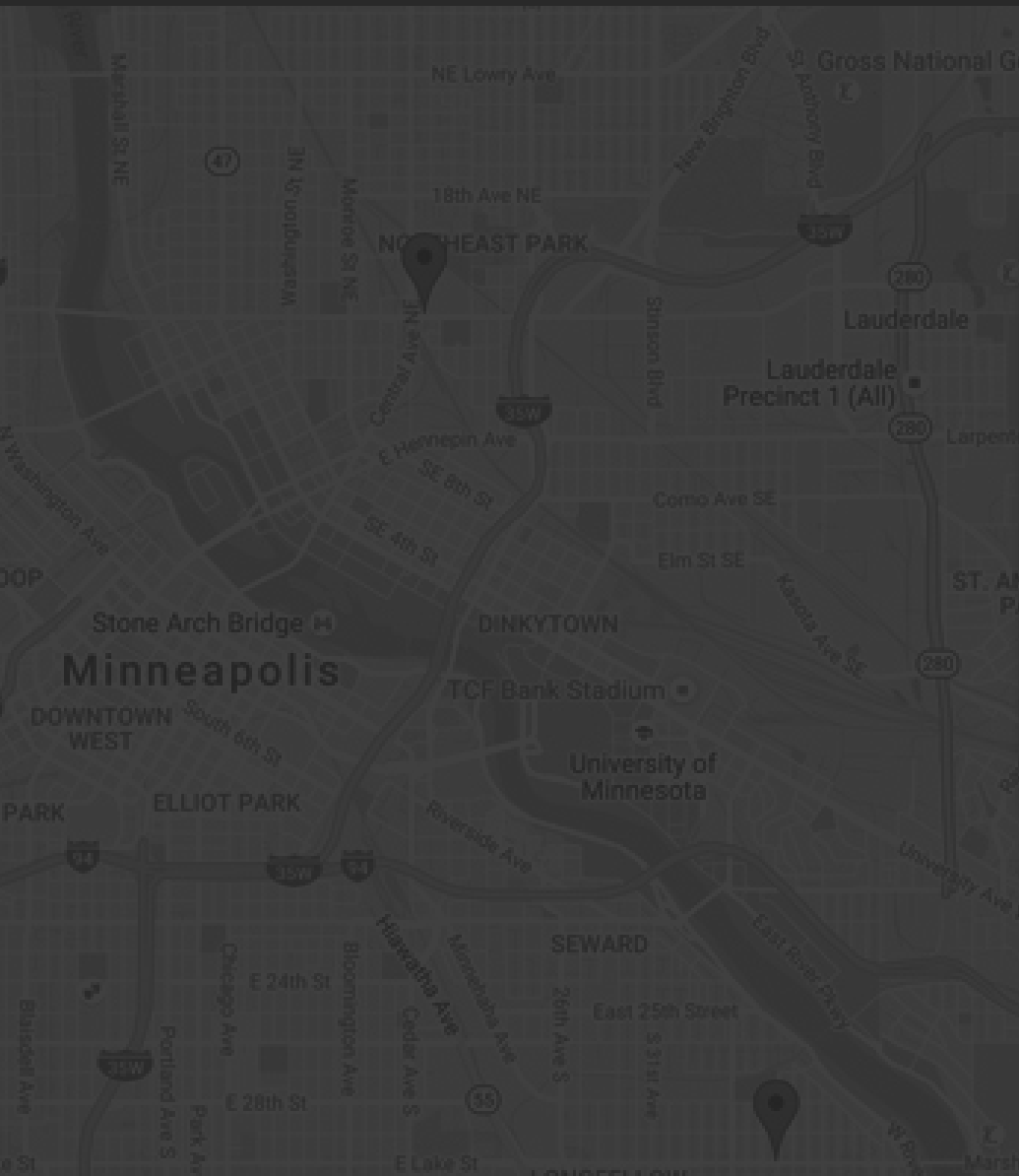
Map

Google Maps API

Updates with user's current location

User input to allow browser permission to use location

Easily identifiable icons assigned to each category to show where places are in location to the user





uExplore



Minneapolis, MN: 67° F
Scattered Showers And Thunderstorms

Map

Satellite

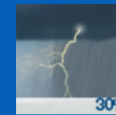
Location found.

al Security Office

35W

94

CEDAR-RIVER



Minneapolis, MN: 67° F
Scattered Showers And Thunderstorms



Dropdown ▾

What to search?

Add Favorites

Reset Favorites

Map

Satellite



Location found. x

Google

Map data ©2018 Google

Terms of Use

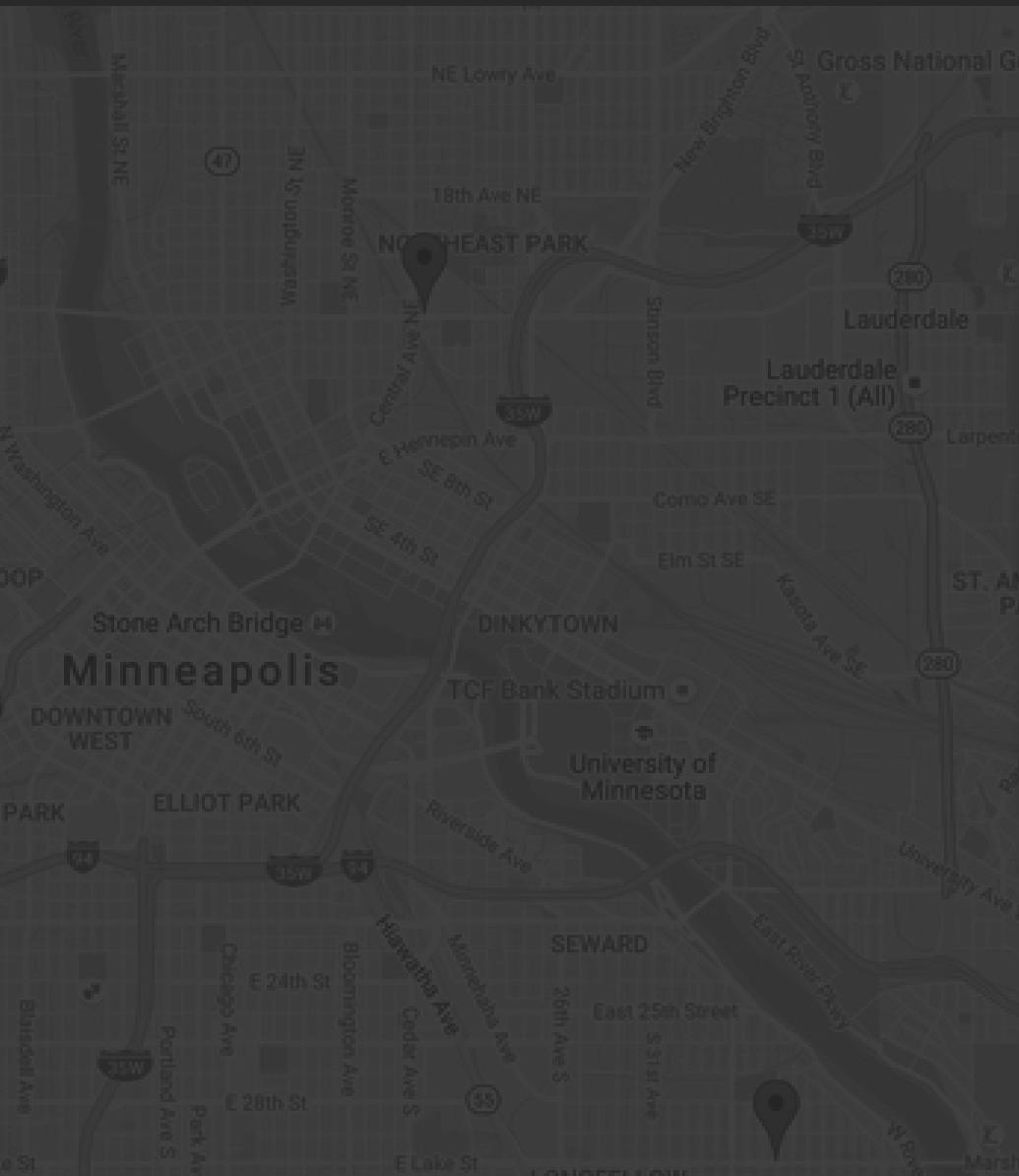
Report a map error

Location Information

Google Places API

When a location is selected on the map, additional location information displays in the table below the map

- Location address, ratings, and whether they are open or closed

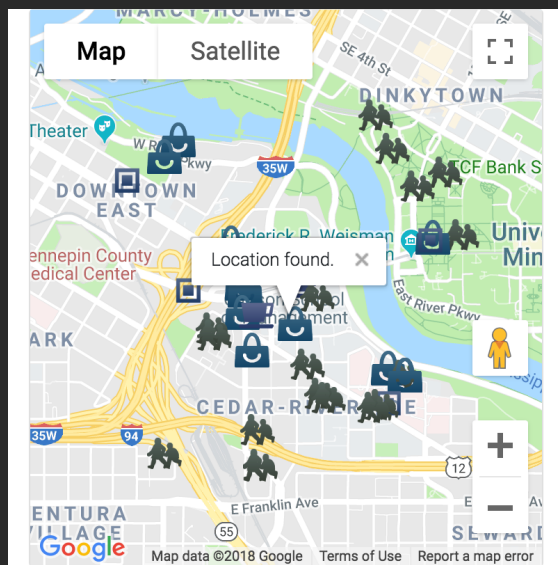




Dropdown ▼

store

Add Favorites Reset Favorites



Thrifty Outfitters

Type:
clothing_store,store,p
oint_of_interest,establ
ishment

Midwest Mountaineering

Type:
store,point_of_interes
t,establishment

Hard Times Cafe

Type:
cafe,bakery,store,rest
aurant,food,point_of_i
nterest,establishment

University of Minnesota Bookstores

Type:
book_store,clothing_s
tore,electronics_store
,store,point_of_interes
t,establishment

Freewheel Bike

Type:
bicycle_store,store,po
int_of_interest,establi
shment

Walberg Sara J

Type:
pharmacy,store,healt
h,point_of_interest,est
ablishment

Weather

National Weather Service API

Updates weather in app header to display realtime temperature and weather conditions for the user's current location





Moving Forward

- Distance to location search result displayed in table
- Make possible valid searches in modal into buttons for easier clicking
- More in-depth forecast
- Clicking on specific location to get more information about only the location without having to search the table