https://rgvegajr.github.io/project1/

An app by Group #3 - Ramon, Patrick, Liena, & Stephen

Wish Local

Our app helps users find local stores that contain the items they desire as quickly and locally as possible. It then plots the stores on a map so the user can determine which is closest.

Why did we create Wish Local?

Our motivation for creating this map was that we felt there was a need for an application that finds local stores. Many a time we have run out of time to buy a gift online. We've also gone to a store that we believed would have an item for which we were searching only to realized they don't vend that product. We hope this app will solve those two issues by finding local items quickly and from the right vendors.

Resources

We utilize several different free resources for this app. Our real-time database is hosted on Firebase. We have two different libraries that we use: Materialize for CSS and JQuery for the ability to use AJAX along with Javascript.

Our app pulls information from two free APIs: Yelp is used to retrieve information on which stores contain the items we seek & MapQuest to plot the stores on a map.

There isn't current functionality for installing or downloading this application. This project is hosted by GitHub Pages and available on the net. This is something that can be improved in the future.

Easy to use

➜ Using this application is as simple as clicking the "Get Started" button.

➜ A modal will appear with the option to enter some search parameters.

➜ Upon submitting your refinements, a list of your stores will populate a table and you'll be able to view a map with the store's locations.

Materialize Modal

Search Your Way !

Type your wish
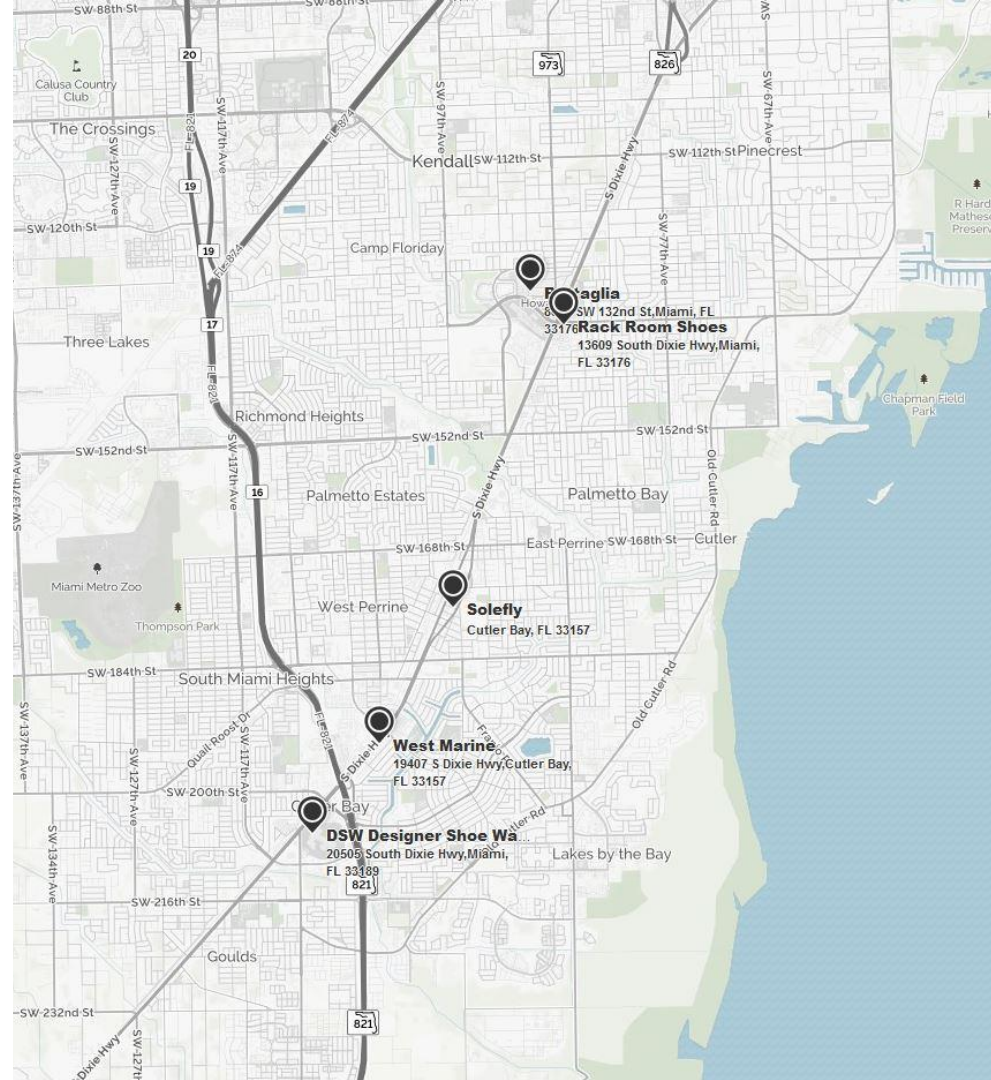
zip code

Miles

Distance ▾

Stores ▾

irec

SUBMIT ➤

List of Stores - Generated by Yelp API

Local Stores!

Item Desired	Store Name	Address	Distance	Phone Number
shoes	Shoe Gallery	244 NE 1st Ave,Miami, FL 33132	4	(305) 371-2063
shoes	DSW Designer Shoe Warehouse	3301 Coral Way,Miami, FL 33145	4	(305) 448-4841
shoes	Billionaire Boys Club	255 NW 25th St,Miami, FL 33127	3	
shoes	Sneaker Buyers	2603 N Miami Ave,Miami, FL 33127	3	(305) 527-5180
shoes	The Field Shops	4551 NW 36th St,Miami Springs, FL 33166	2	(305) 887-4112
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Your data query will utilize the MapQuest API to return a map that will show the listed store's locations relative to your initial zip code input.

Mobile Responsive

Our application is easily viewed on all differently sized electronics thanks to Materialize's CSS grid!

Future Enhancements and Current Limitations

- Using the Yelp API means we can search for
- more than stores for shopping but also services and consumable goods; not limited to retail
- We can start utilizing the database to refer the user to their favorite stores and searches
- We can recommend include reviews and ratings from Yelp
- We can center the MapQuest API on the total
- User interface can be polished along with message returned for data validation
- The style of the page can but turned from minimalistic to a style of our choice
- Add usernames and make database only retrieve data from your searches

- Data validation is currently limited and needs improvement

- Map center currently fixed in the center Miami Dade area

- App is not user independent, multiple users see each other results

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Shoutout and many thanks to everyone who contributed to Project #1. The development team consisted of Patrick, Liena, Ramon, & Stephen. The development was loosely split up as follows; the Back-end team: Ramon & Patrick and the Front-end team: Liena & Stephen.

Please enjoy viewing and using our application!

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Technology	Scope	Purpose	Developers	Remarks
HTML/CSS	Front End (FE)	Basic layout	Stephen/Liena	
Javascript/JQuery	FE	Functionality	Patrick	
Materialize	FE	Framework/ responsiveness	Liena/Stephan	
Firebase	Database	Data persistence	Ramon	For future functionality
Yelp Fusion Application Programming Interface (API)	Webservice	Item search	Ramon	Ajax
Mapquest API	Webservice	Mapping returned stores	Patrick	