



yelpLife

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Overview

Product Definition

Search your area for any number of things to do on your night off.

List Of Features

- Search by topic (food, golf, pizza, beer).
- Click on map marker for more detailed page.
- Links to reviews.
- Provide route to location.
- When viewing location results, search by more defined category in the area.
- Search by location.

High-Level Architecture

The architecture behind my project is rather simple in layout. The different languages have been distributed between their file types. I focused on using Javascript and used Ajax and PHP to access the YELP server information.

Design Decisions

When creating the layout for app, I tried to figure out how to make it feel the most natural and stable feel for the app. I decided to avoid scrolling for the entire page, which makes it feel too much like a website. Instead I focused on allowing the small section of results to scroll without affecting the whole page. I also decided to keep the search button stationary and constant. There is no switching between pages, just hiding different aspects of the page.

I also decided to stick with a simple color scheme and layout.

Technical Decisions

My original attempt was to create a app based entirely around javascript, but 2 days ago, the javascript database was taken down, so I had to start over from scratch using PHP.

I decided to use Google Maps and the Yelp API's because they work well with planning dinners or numerous other venue events. By using Google Maps I can also help provide a route to my users so they know how to get to a location.

HTML5 Technology

Due to my struggle with the YELP JavaScript API and my rush on time, I decided to use the localStorage API. I used this to store a user's searches so if they visit again, their previous searches are what shows up in the search boxes. This gives them a started point and also makes sure they don't forget to fill in any boxes.

Extras

I spent a significant amount of time sorting out the PHP access and how to use Ajax to access this information.

I also spent a significant amount of time working on the layout of the project to try to make it visually appealing.

I used Google Maps to create navigation for the user.

Credits

As stated within the file, the OAuth.php is not my code. It is provided by YELP to help access the information through another PHP file. My Local.PHP file was written and



changed by me, but based off of the sample.PHP available on the GitHub. This was the only way I found to access the data after their JavaScript support was pulled.

And as always, portions of the code were provided and taught by Professor Jefferson.

My Grade

80% - due to my time issues I did not get to hit all the points I wanted to , which I am disappointed in. Despite that, I am happy with what I was able to create in the time frame. I think my use of the Google Maps navigation and App Design make up a little for my failings on some other aspects.

I missed several things due to my time between work and other finals.