



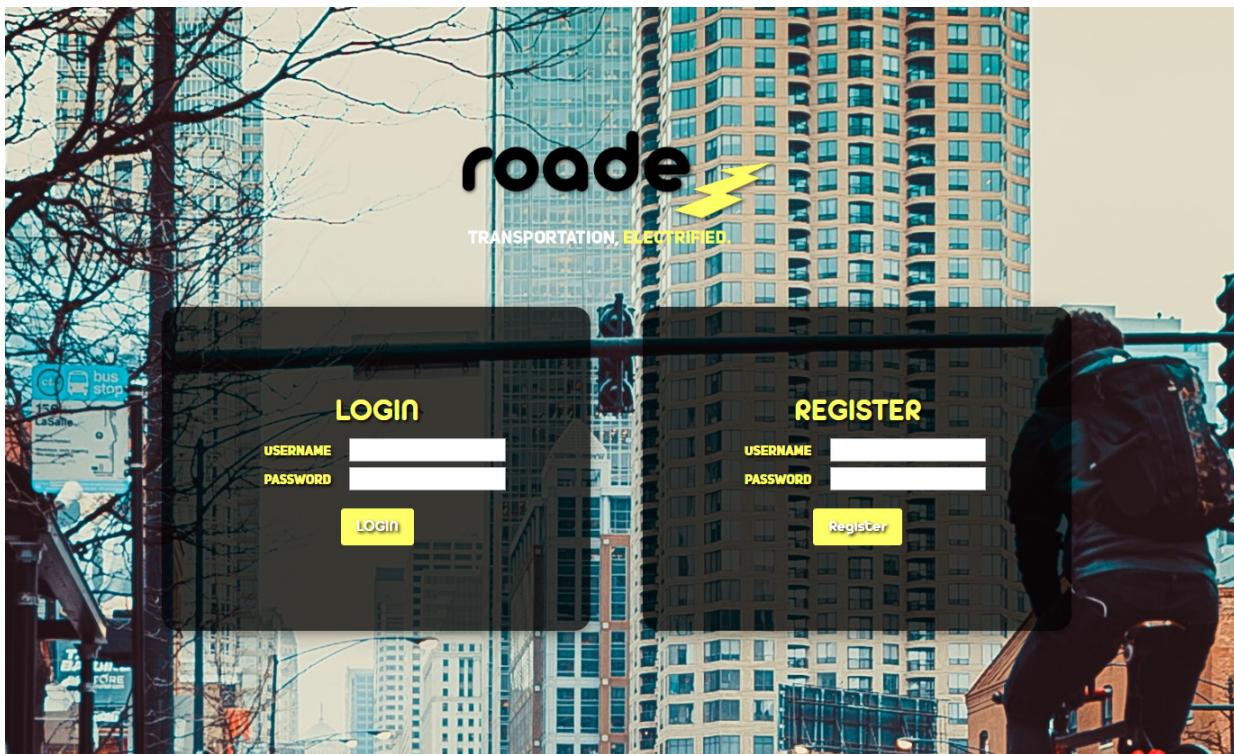
ROADE PHP DOCUMENTATION

BY GEORGE VLASAK

Throughout the entirety of this final project, there were a myriad of technologies used to augment my experience. VSCode was chosen as my workstation of choice, which was then leveraged to write out my PHP, HTML, JS, jQuery, and AJAX scripts. On the database side of things, I utilized phpMyAdmin through XAMPP, as well as localhost for hosting purposes, to verify the functionalities present.

While I had a very thought out and broad dream for a project at its inception, I was unfortunately unable to follow through with what I feel was a fully presentable stylesheet, as I was falling behind in understanding much of the basic PHP logic and really had to play catch up as a result. That being said, I am pretty happy with my end results, as by the end of the project i found myself getting used to writing some basic pieces of code without even having to use a reference. I also feel like I really had begun to grasp SQL integration, although I may need to sharpen up on my logical chops in that regard.

As you will see in the following couple of pages, I will walk you through the various pages and what their purpose is for the project at hand!

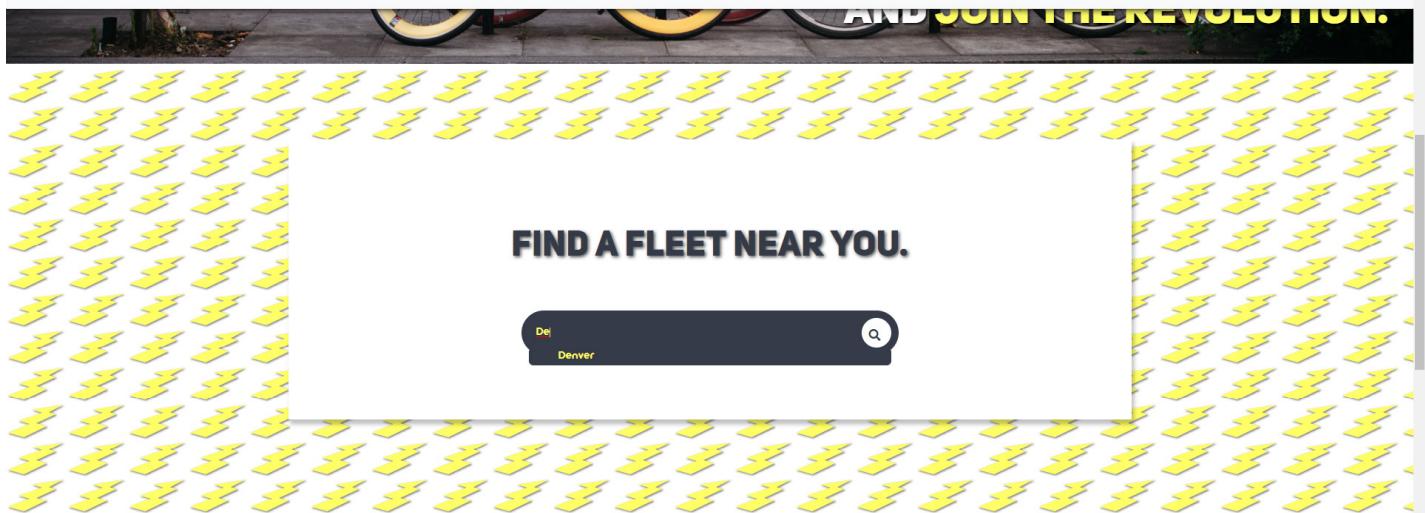


LOGIN | USER AUTH

On this page, I utilized session storage and session_start() to be able to log in potential visitors, who will then be redirected to the main portal for all of the bikeshare needs. One valuable thing I learned is how to change the root directory via Apache and httpd.conf, which is something I will likely have to do in the future.

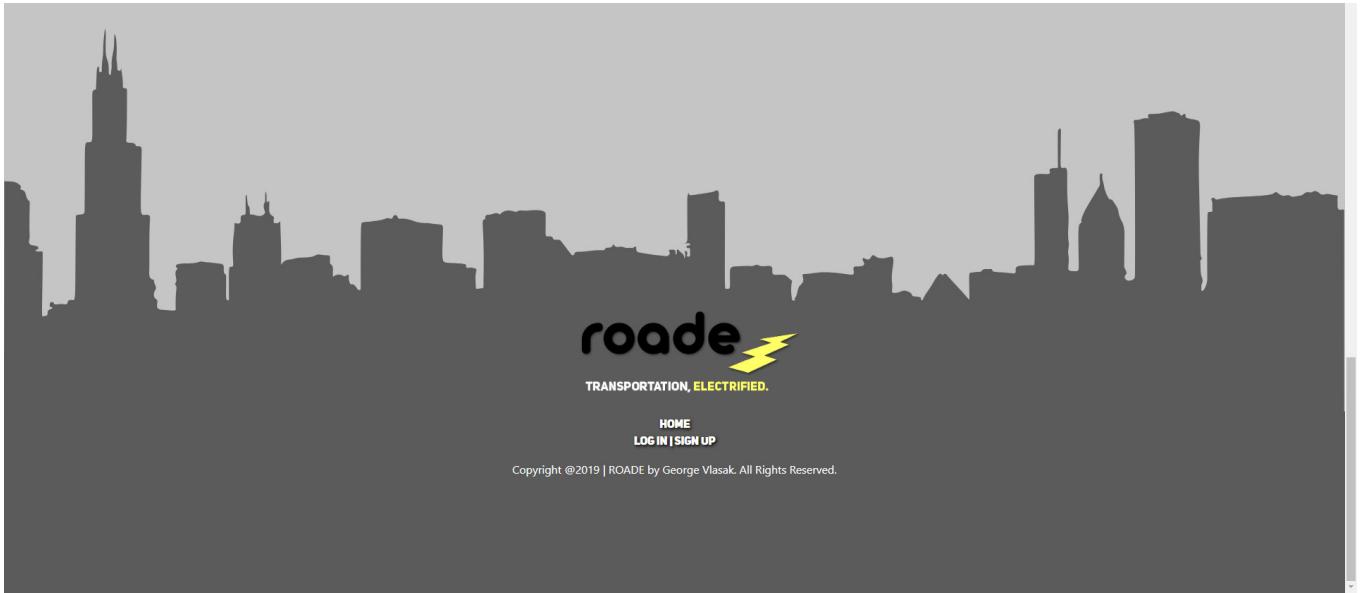
One place that I can learn more is by not immediately having sessions die, but instead presenting more parameters for redirects, message prompts, etc. PDO was used for all of the database functions, and positional and representative placeholders were used (:) or (?) to get used to using and seeing both. search_functions.php, signup.php, and login.php were used here as well to get it all to work.





**SEARCH ENGINE | AJAX & JS
(CONTINUED)**

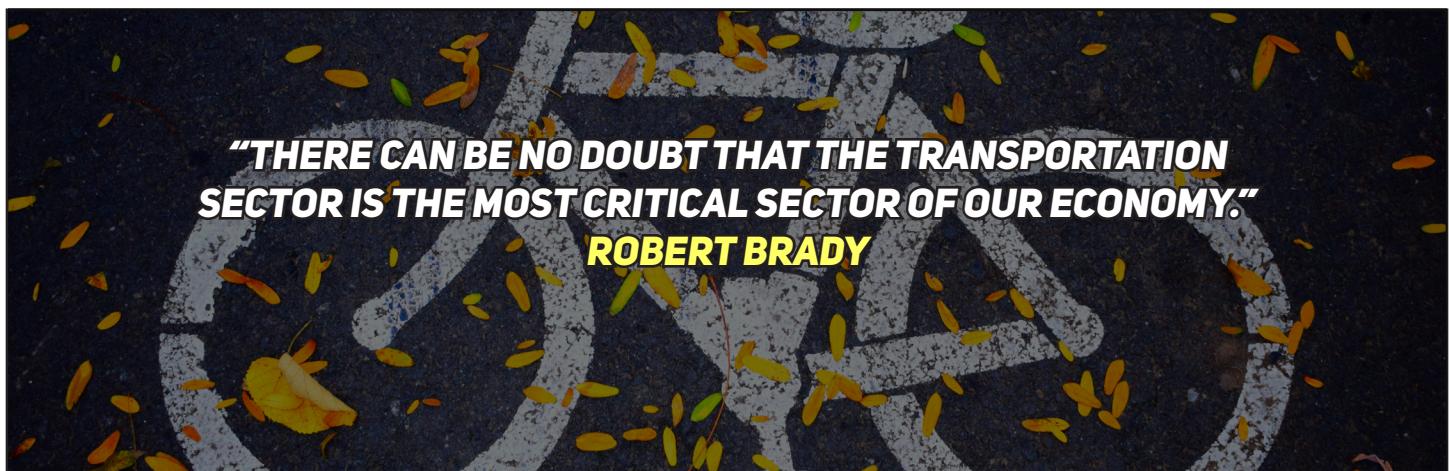




This was one of the biggest challenges for me on the assignment, as I had no experience with AJAX and don't consider myself too great at JS or jQuery just yet. Throughout the course of a few days, I did a lot of research and found some helpful tutorials that led me through some basic concepts.

This page, the portal.php page, actually came out almost identical to my mockups... the issues, again, were in the bac-end side. As you can see in my comments on autocomplete.js and remove_search.js, I take you step by step through most of the calls to get the script to work. Only erroneous part I could not figure out was how to get more than one to work properly on the search queries. Denver and Dallas are the two test sites that i have opened, and both should work correctly, with the redirects going to a primary key of the city_name.

Other issues I suffered were that I could not get console.log to work on autocomplete.js, so I had to add the fix script on a separate JS document. On search_functions.php, you can see that is where I implemented my OOP approach to make two classes: Bike and City. As I went along, I got a lot better at OOP, but I still don't know if I am approaching it fully correct, but at least I am getting most of my queries to work, even if not optimal! In time, I should be able to take many of the form processing scripts and encapsulate them in functions within their respective classes.



DENVER, CO

THE MILE HIGH CITY





VEHICLE TYPE

Vespa Style Electric Scooter

PRODUCTION YEAR

2019

TOP SPEED

15 mph

MEDIAN RANGE

29 miles

DESCRIPTION

Minor upgrades make it even more maintenance free than last years model. A 500 what hour Bosch PowerPack ups the range by 20%. A mono-shock front suspension fork with a sealed rubber boot provides more active suspension and less overall moving parts.

RENTAL PRICE

\$5/hour



VEHICLE TYPE

Foldable Electric Bike

PRODUCTION YEAR

2018

TOP SPEED

18 mph

MEDIAN RANGE

35 miles

DESCRIPTION

Minor upgrades make it even more maintenance free than last years model. A 500 what hour Bosch PowerPack ups the range by 20%. A mono-shock front suspension fork with a sealed rubber boot provides more active suspension and less overall moving parts.

RENTAL PRICE

\$5/hour



VEHICLE TYPE

Fat Tire Electric Bike

PRODUCTION YEAR

2019

TOP SPEED

20 mph

MEDIAN RANGE

55 miles

DESCRIPTION

Minor upgrades make it even more maintenance free than last years model. A 500 what hour Bosch PowerPack ups the range by 20%. A mono-shock front suspension fork with a sealed rubber boot provides more active suspension and less overall moving parts.

RENTAL PRICE

\$10/hour



VEHICLE TYPE

Standard Style Electric Scooter

PRODUCTION YEAR

2019

TOP SPEED

12 mph

MEDIAN RANGE

22 miles

DESCRIPTION

Minor upgrades make it even more maintenance free than last years model. A 500 what hour Bosch PowerPack ups the range by 20%. A mono-shock front suspension fork with a sealed rubber boot provides more active suspension and less overall moving parts.

RENTAL PRICE

\$5/hour



VEHICLE TYPE

Vespa Style Electric Scooter

PRODUCTION YEAR

2019

TOP SPEED

15 mph

MEDIAN RANGE

29 miles

DESCRIPTION

Minor upgrades make it even more maintenance free than last years model. A 500 what hour Bosch PowerPack ups the range by 20%. A mono-shock front suspension fork with a sealed rubber boot provides more active suspension and less overall moving parts.

RENTAL PRICE

\$5/hour

Instead of utilizing a table approach with a foreach loop, I chose to integrate over int oa div format, as I feel that once i start working on media responsivity it will be easier to make optimal for all viewports. Here is where I got to utilize a lot of the bread-and-butter of what I learned with being able to, step-by-step, go through databases (whether a file system or database tech), use queries to parse through lines or row of data to find what it is that I am looking for. I utilized this with both _GET and _POST calls with if isset functions. Prepared statements were made to query the database for security and safety.

On the next page is where I implemented the other half of the CRUD acronym, more specifically the Update and Delete options. As I had to use multiple tables I was worried I wouldn't figure this one out at first, but I was able to troubleshoot and figure it out with minimal problems. The feeling, as I was just starting to do stuff automatically, was definitely the high for me in terms of the project. The forms are very basic as I ran out of time to style them, but all will be touched up before I put it on GitHub Pages.

Queries can be very complicated, but I feel very confident that, with practice, I will get much better. If you need any further instruction or documentation over my project, please don't hesitate to ask!

CITY SEARCH PAGE EXAMPLE



[HOME](#) [HOW IT WORKS](#) [CITIES](#) [SIGN UP](#) | [LOGIN](#)



BY THE
NUMBERS

**FILTER
BY**

PRICE: LOWEST TO HIGHEST

SCOOTER **ELECTRIC**
 BIKE **NON-ELECTRIC**