

### Overview

For the first phase of this project I used Java and Jsoup to scrape data from the original webpage to use in database design. For my first prototype interface I used JavaFX and scenebuilder to make a simple GUI that had a search bar and button. After the first phase I quickly realized that I did not wish to continue the project with JavaFX. I decided to use HTML (front-end) and PHP (server side) to begin modeling a new webpage, instead. For the second phase I worked on designing my main webpage and making a simple connection to my database. Finally, for this phase I have continued improving my webpage design. I have created another PHP webpage for the table of class data. I have also successfully used PHP to script my schools into the datalist for the search bar from the database, as well as, script all the table data into the second webpage from the database based on what value was submitted through the search bar.

### Use Case

First, the webpage will be pulled up. The user should see a search bar at the bottom of the webpage, several links in a red block to the left, a WKU image in the middle, and a header at the top. For this case let's assume that the user has no need for the links, and they just wish to search for their school. The user will click on the search bar to begin typing. Then the user will begin to type the name of their school, selecting the correct school from the dropdownlist as soon as it is shown available. The user will then click the submit button, and in moments the entire table of class equivalency should be displayed in the new webpage.

### Issues

The main bug in my webpage is a small discrepancy. The search bar has a focused state when it has been clicked on. This focused state enlarges the search bar horizontally across the bottom of the screen. This is a bug because the form will not submit if the bar is focused. Instead you may have to hit the submit button twice in a row. Once to remove the focus, the next will submit as normal.

### Local Host

I used XAMPP and phpmyadmin to locally host my webpages and create and manage my database.

### Languages Used

- HTML5
- CSS
- PHP
- Java

## NOTE

This is not considered all my documentation, and there is a lot more information provided throughout my submission folder. Just make sure to read it all.