Activity 4 Part 1: AJAX with jQuery

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CST-350

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Screenshots:

A screenshot of a computer

Description automatically generated with medium confidence

This screenshot demonstrates a basic web view running through MAMP.

A screenshot of a computer program

Description automatically generated with medium confidence

Here we created a page that produces a list in the format of json. Here we can see the results of the array list.

A screenshot of a computer

Description automatically generated with medium confidence

Here we tested out the json formatted GET function of our REST API.

A screenshot of a computer

Description automatically generated

Here we are showing a basic php page to allow for user input.

A screenshot of a computer

Description automatically generated

Here we have the same php page with css styling added.

A screenshot of a computer

Description automatically generated

Here we show that the jQuery script has been initialized through our webpage.

A picture containing text, software, multimedia software, web page

Description automatically generated

This demonstrated adding a function to the add song button click through the site.js file

A screenshot of a computer

Description automatically generated with medium confidence

Here we have the buttonclick showing in the console followed by our json song list, this happens after the button click due to the fact we added the function within the button click function.

A screenshot of a computer

Description automatically generated with medium confidence

Here we added to the function that takes the json song list and adds it to the view portion of the song list.

A screenshot of a computer

Description automatically generated with medium confidence

Here we added the function for the add song button set to GET that communicates with the server side to add the submitted song into the playlist and add it to the view at the bottom of the list.

Summary of Key Concepts:

In this part of the activity we learned how to use AJAX along with HTML and JavaScript code. In using this we start our journey of learning partial page updates using a short yet simple script. We went through each step to create a backend “server” that had a list of songs for a playlist. We then used JavaScript to then manipulate the HTML and add songs to the playlist and view the entire list. Initially I was nervous that I would not get anything from this as I have not had any PHP experience yet in my classes, but I was relieved on how easy and straight forward the instructions were on this part of the activity.