

John Odejar (jao57)  
Project 1

For this website, I decided to promote one of my interests which is anime. With this site, I tried to give out more information about anime to people who may not know about it as well as give new information to people who already watch anime. I presented my favorite anime because I am using this website to convey recommendations of anime that I feel that others can enjoy. I tried to give anime of different kinds so that a variety of people could find something that they will like to watch after they visit my site. I also tried not to pick the very popular ones because many people might've heard or watched it already so I want to give something new to not only the people new to anime but those who have had experience watching anime before. When I designed this website, I put each different anime I was presenting on a different page to highlight each one individually and keep the website more organized. For the design aspect of my website, I have a fixed header that contains the title of the page and the navigation bar so that no matter how much a person scrolls down, they will always see the navigation bar and title of the page rather than have to scroll all the way to the top of the page to see them again. For the navigation bar, I decided to make a dropdown list menu for all the anime pages so that the navigation bar is more organized, smaller, and less cluttered. Also, in the table on the homepage, I decided to have a button to hide or show the images because I didn't want the page to be too large and didn't want to shrink the images anymore as I felt that they were the just the right size to see the characters and animation style for the anime well.

In my website, I implemented a lot of PHP elements. One thing I did with PHP was load an XML file and process its contents to build a table. I also used many for loops to build repeated elements such as tables, option values in the forms, and the navigation bar links. I also used PHP to validate, process, and email the data in the forms submitted by users. For the navigation bar, I also used PHP to create an array containing anime titles as the indexes and links as the values. I then used PHP to flip and sort the array alphabetically by the titles of the anime. This was so that if I added more anime to the website and into that array of titles and links, I wouldn't need to find the correct place to put it in alphabetically in the array myself since the PHP code would do it for me. Additionally, I used a regex to split the array of anime titles and links into the titles that started with A-M and ones that started with N-Z since in the navigation bar those are separated into two drop down list of links. Additionally, when embedding HTML and JavaScript code into PHP code, I used PHP to format the code so that when a person looks at the source code in the browser, it is well formatted and organized. I also created PHP functions that were used to create the table, create the jQuery toggle buttons, and build the options list in the forms.

One of the WOW elements I implemented in my website is the use of an XML file to organize the data I put into the large table in the homepage which was then processed with PHP. I also used jQuery in the table in the homepage to toggle the display of the images. I also used a regex when processing the array of anime pages when creating the navigation bar.