

Gray Paper

Our group created a Movie Streaming Service website using HTML, CSS, and JAVASCRIPT. We have a movie database of ten different movies that were all manually imported into our website. In addition, we have several different HTML files for each of our web pages, there is one CSS file that helps style and format our code. One file is the JS file which helps to enable dynamic interactivity on our website. This file is applied to a few HTML websites and the functionality is what allows website users to interact with our website.

HTML Files:

- “Index” is our homepage, users may search for a specific movie from our database. Users may travel to all of our other different web pages using a drop-down menu and header links
- “Action”, “Comedy”, “Contacts”, “Documentary”, “Drama”, and “Horror” are all different pages that are connected from our home which allows the user to get more detailed information sorted by their genres. It allows the user to access a movie trailer, description, release date, and rating.
- “Contacts” is a page dedicated to the user reaching us through a form through which the user can input their name, email, and reason for contacting us through email.
- “Shopping” is the page where the selected movies from the homepage with a checkbox will show up and a user may purchase before being able to stream it

CSS File:

- “Style” is used to style and lay out web pages.
- For example, the file alters the font, color, size, and spacing of our content, splitting it into multiple columns, or adding animations and other decorative features.

JS File:

- “Script” is used for a sequence of commands and complex function implementations.
- A script file would load code and execute it while waiting on a response on user input
- It contains commands/functions for the search method on the home page, which returns any matches from the list of movies; while declaring variables looping through listed movies and displaying it for the user.
- It connects with the contact page which mimics the website sending a response to the user after the user clicks on the 'send' button.