



SAN DIEGO STATE
UNIVERSITY

Website Project Report (COMPE561)

Project Title:
MCU Films

Team Members (please include SID):

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Academic Semester:

Fall 2021

Purpose:

The project was to create a website, specifically the front end and back end to a website of our choosing. Our website is a timeline for marvel movies, separating its phases since the Marvel Cinematic Universe (MCU) consists of 4 phases currently and all the movies within each phase. We are to put those movies chronologically with its corresponding comic series that the movies were based on. This website also allows a user to choose a specific MCU movie that they would like to purchase and be guided to Amazon to be able to purchase. Finally, a user is able to input there information in order for an administrator to see who has inputted their information and favorite MCU film. Here is a GitHub link to all the source code:

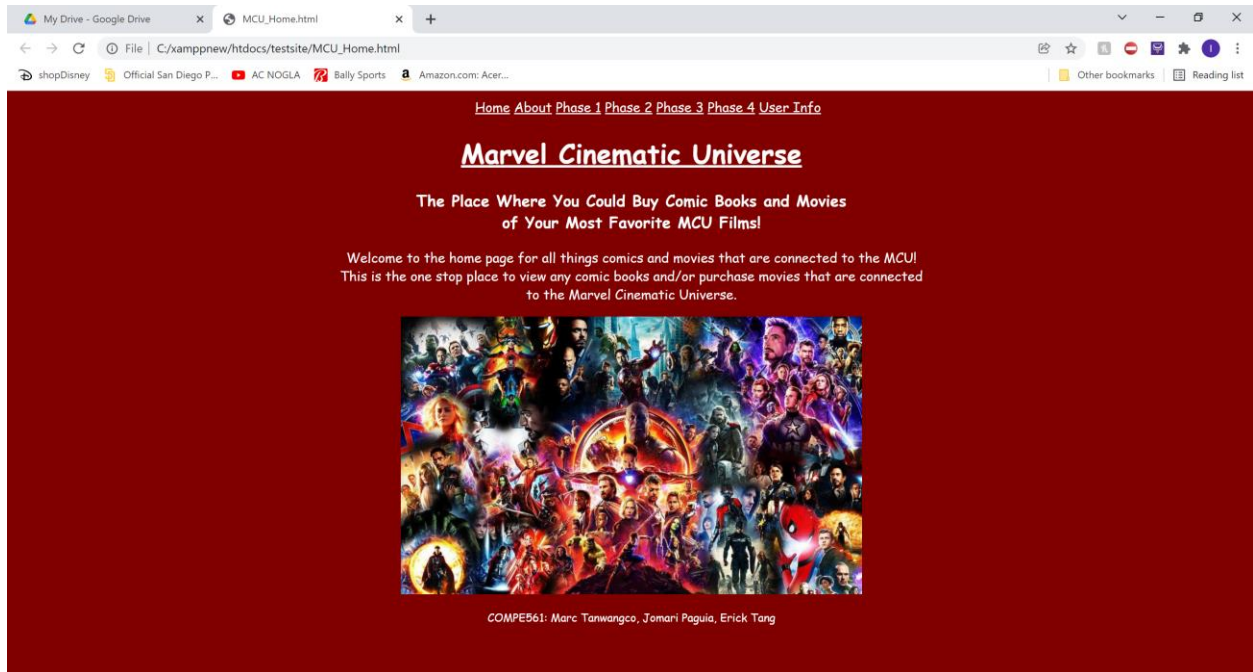
<https://github.com/MarcArcTanw/NEW-COMPE561-Website>



Front End Design:

Home Page:

We start at the home page where it's just a simple page that shows the links for *Home*, *About*, *Phase 1*, *Phase 2*, *Phase 3*, *Phase 4* and *User Info*. We also have a paragraph to show the MCU cover picture and our names in the project.




About:

The *About* page consists of the MCU saga information, where it starts and the profit of each phase. We also have a teaser for phase 4 as shown in the page.

Home About Phase 1 Phase 2 Phase 3 Phase 4 User Info

About the Marvel Cinematic Universe

The Marvel Cinematic Universe was first started with the release of Iron Man starring Robert Downey Jr. in 2009 and till this day is one of the most successful and exciting media franchise that consists of three phases that is then turned into one saga called the Infinity Saga.

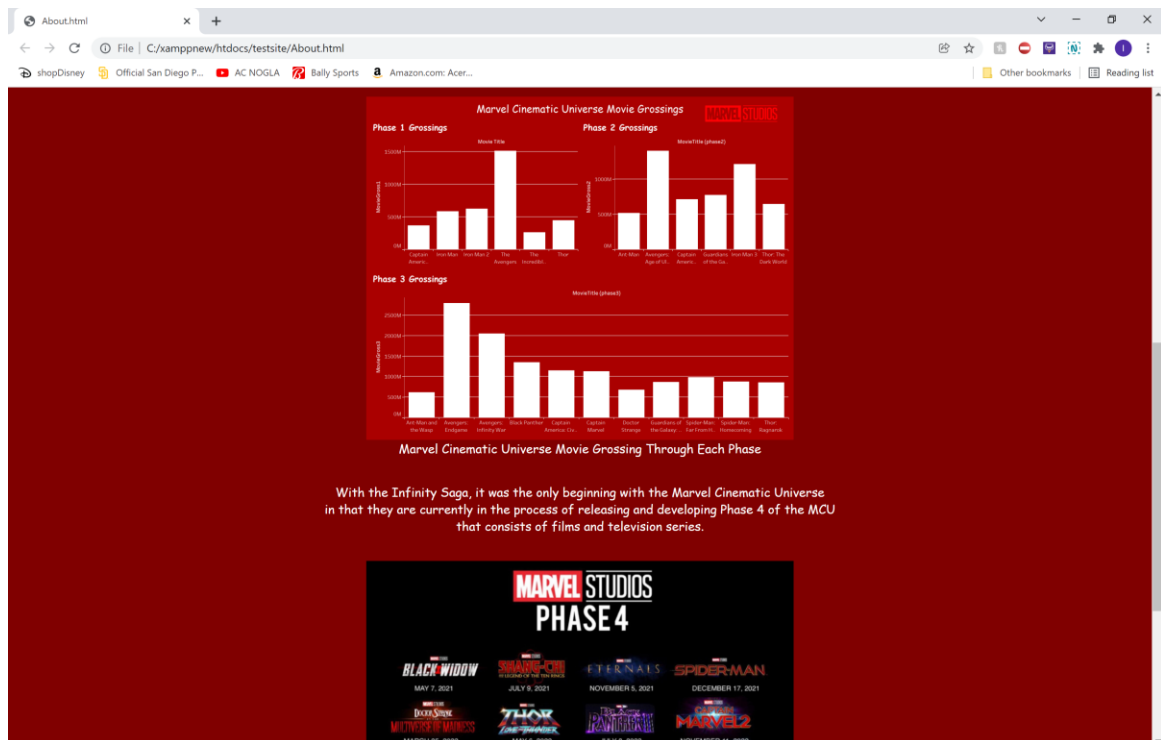


The Infinity Saga

Within the Infinity Saga, it consists of 23 movies that comprises of overarching storytelling that leads into one huge event at the end of the saga. Shown below is a representation of each movie's earnings made globally and how they compare to each other based on what phase they are in.

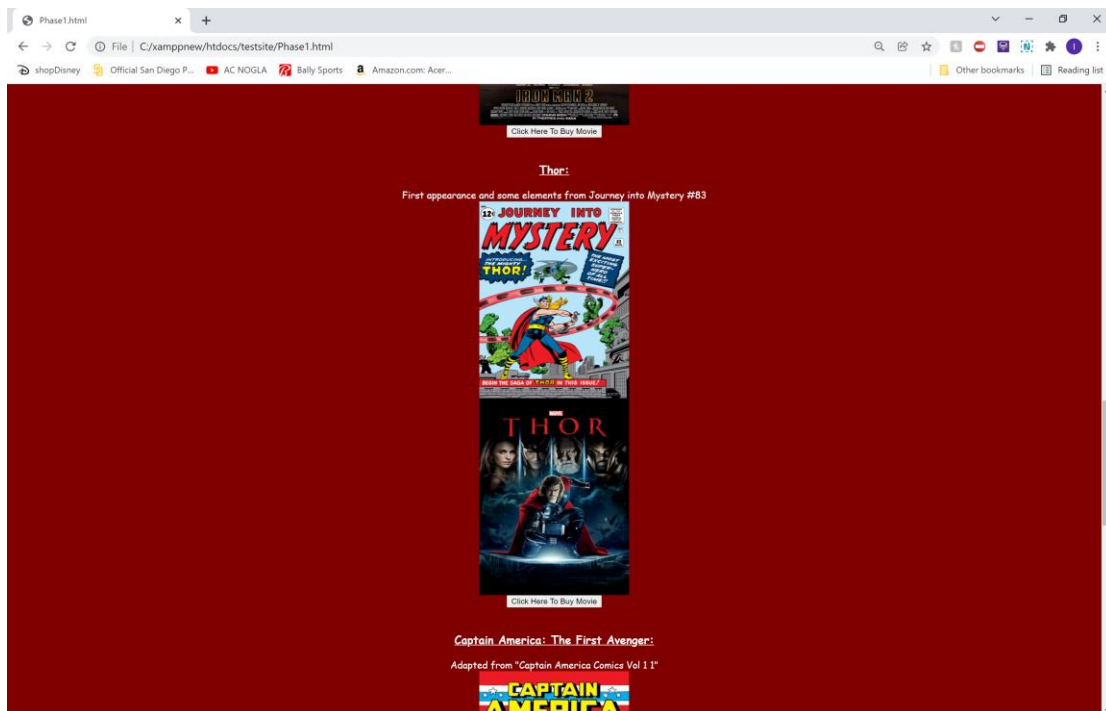
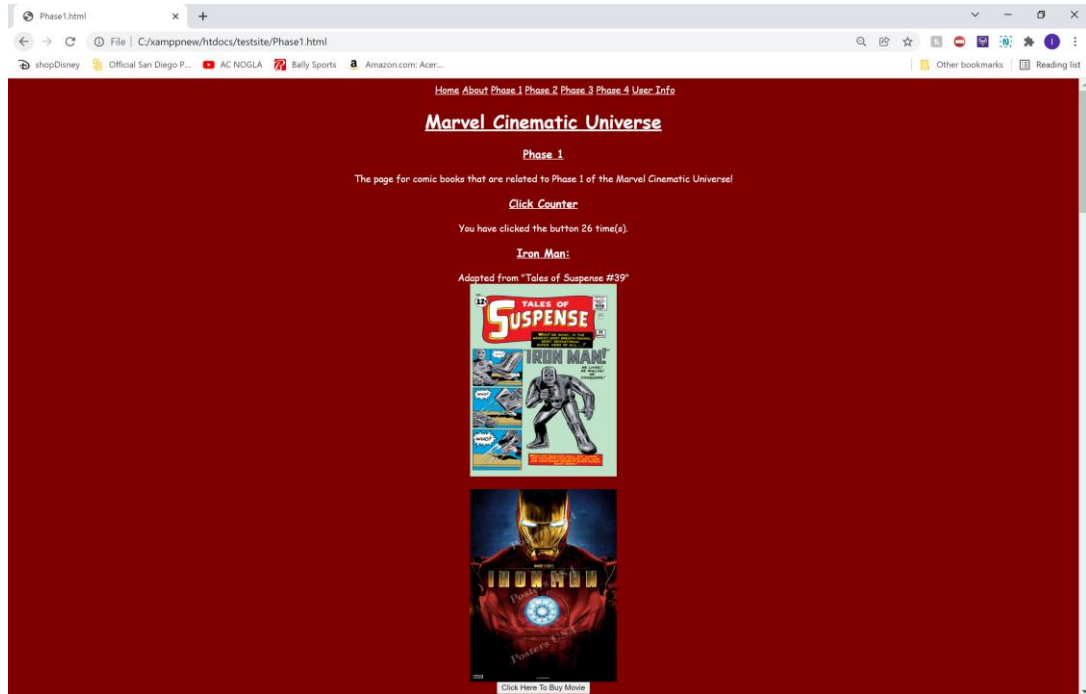
Marvel Cinematic Universe Movie Grossings

Phase 1 Grossings Phase 2 Grossings



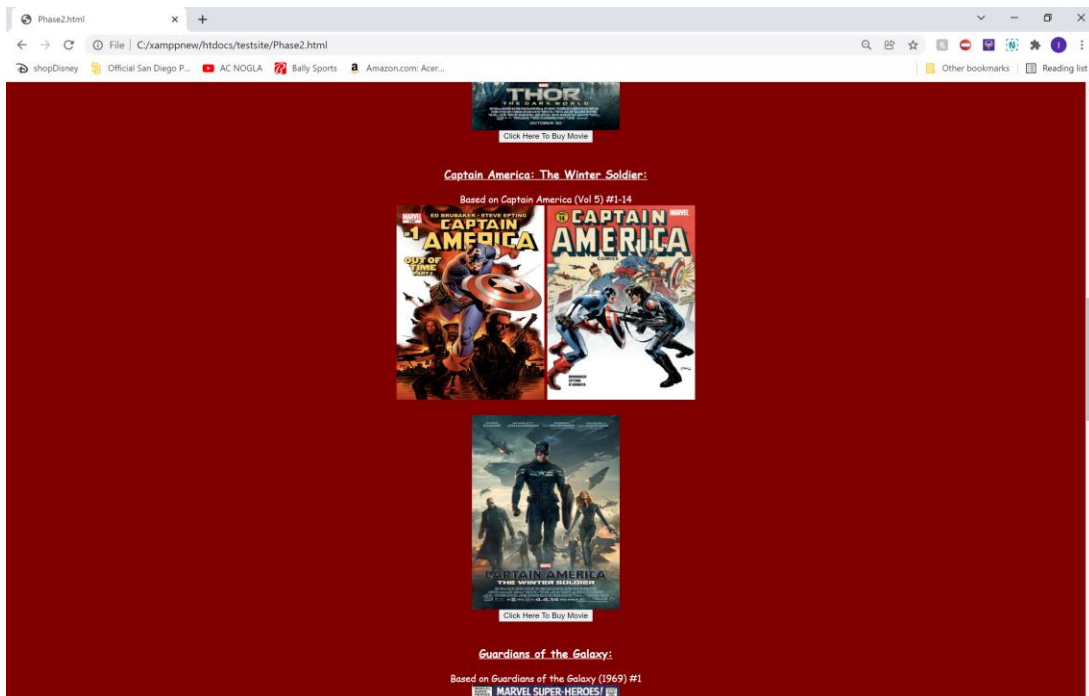
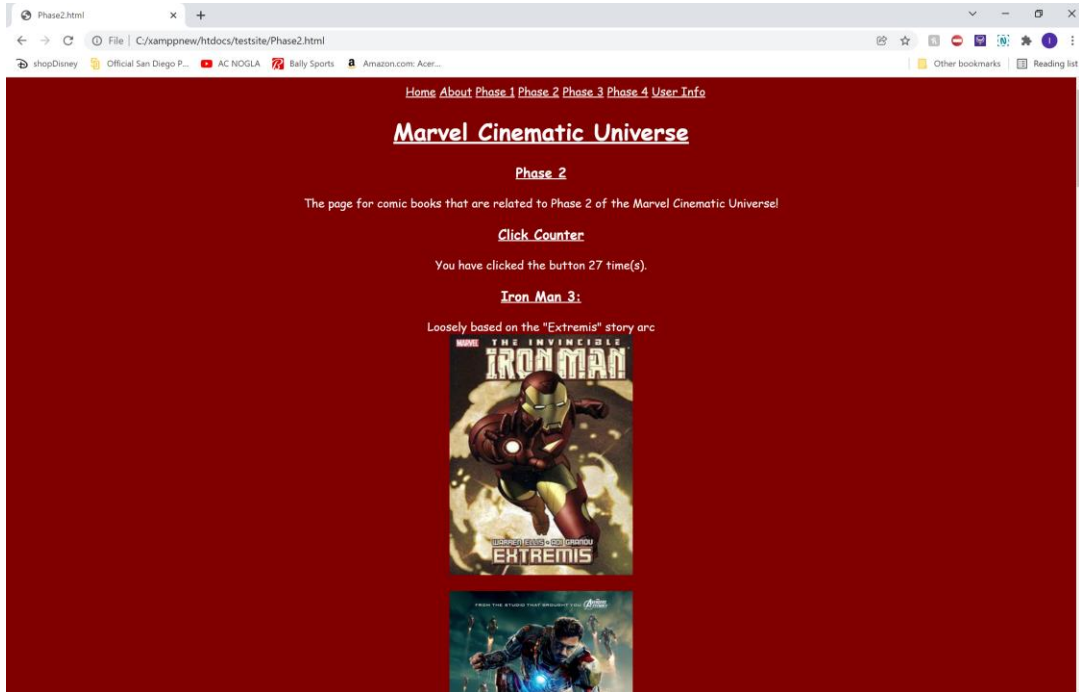
Phase 1:

The *Phase 1* page consists of all the *Phase 1* movies within and the comic series that it was based on for each movie. The page starts with the movie *Iron Man* and we also included a link under the movie picture to a place where the viewer can go buy the movie. The page goes on to include movies and comic series for; *Incredible Hulk*, *Iron Man 2*, *Thor*, *Captain America: The First Avenger*, and the *Avengers*.



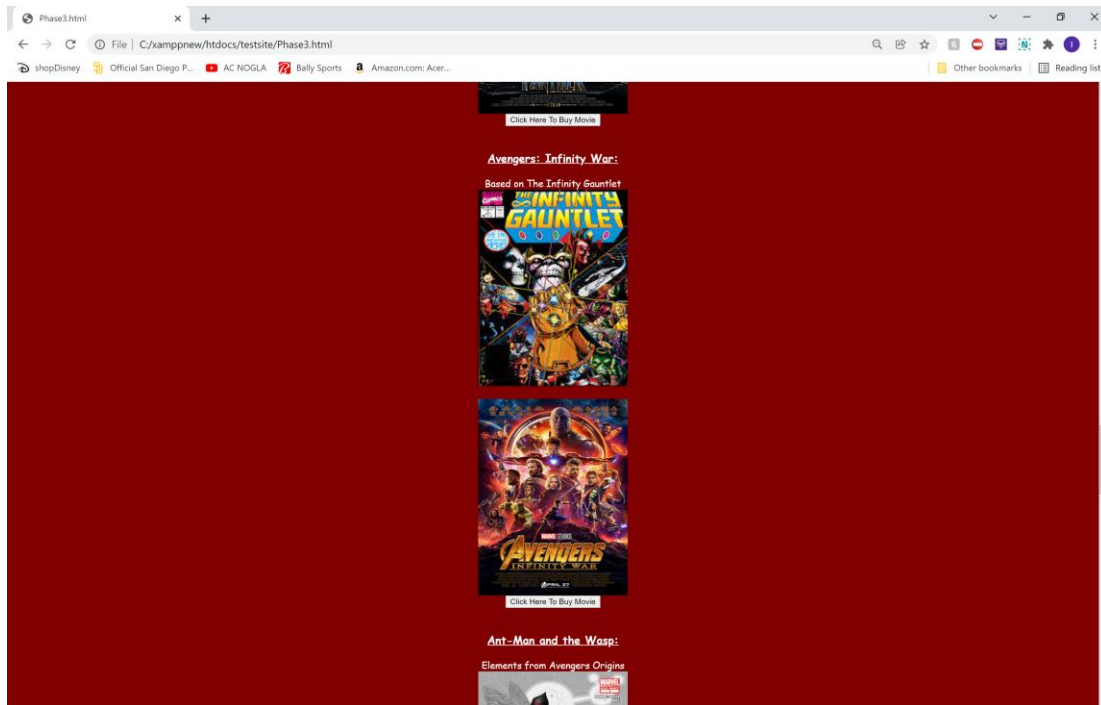
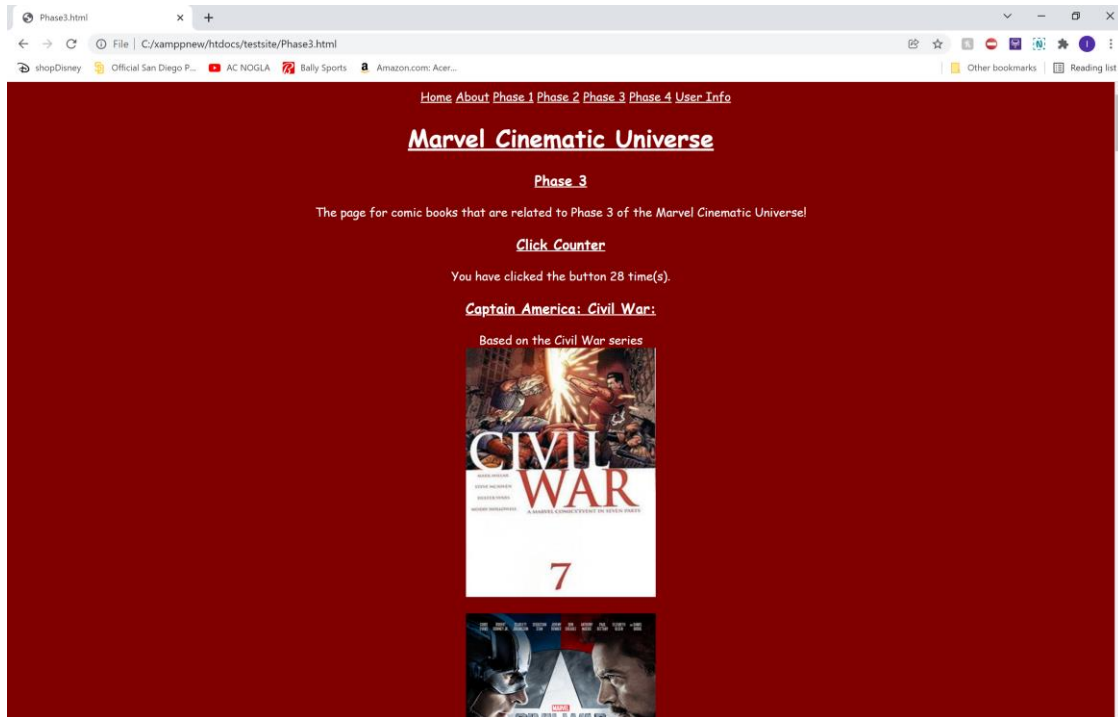
Phase 2:

Phase 2 page is similar to *Phase 1* as it's another chronological order for the movies within that phase. This page includes comic series and movies such as; *Iron Man 3*, *Thor: The Dark World*, *Captain America: The Winter Soldier*, *Guardians of the Galaxy*, *Avengers: Age of Ultron*, and *Ant-Man*.



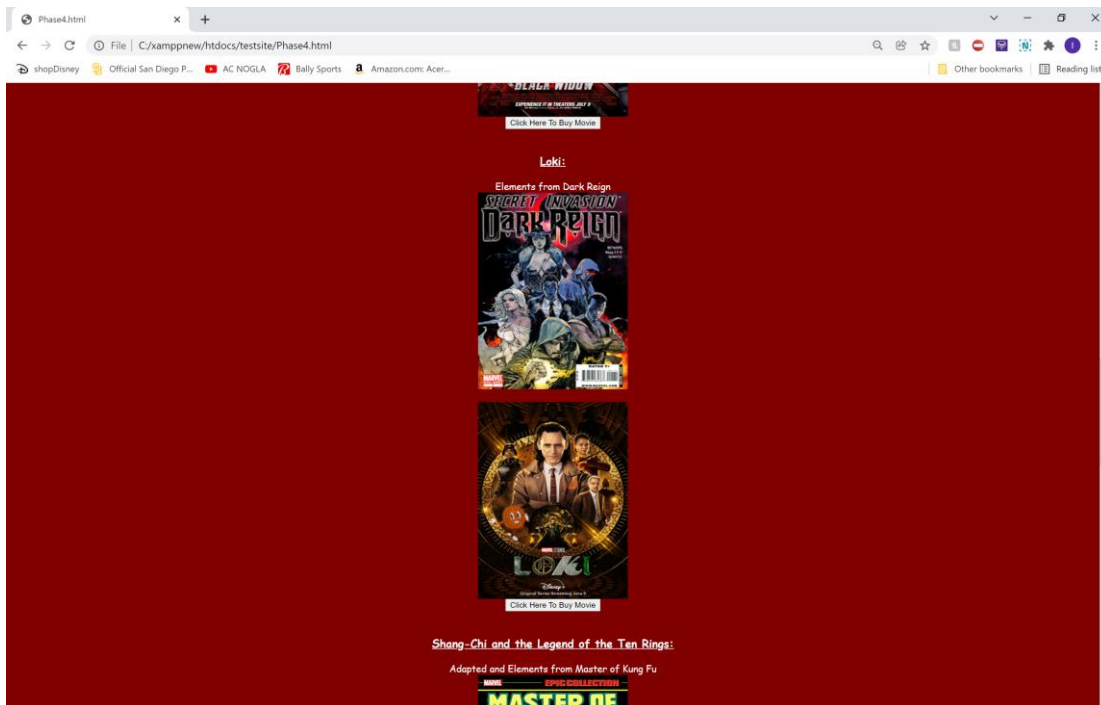
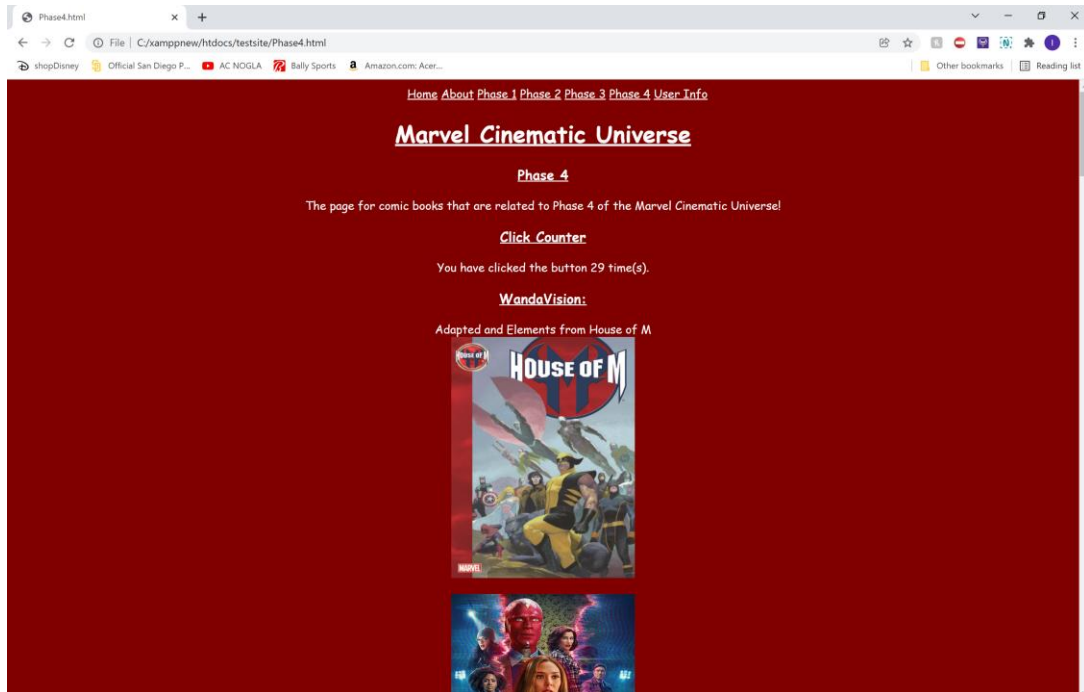
Phase 3:

Phase 3 is also similar to *Phase 1* and *Phase 2* pages but this page includes; *Captain America: Civil War*, *Doctor Strange*, *Guardians of the Galaxy Vol. 2*, *Spider-Man: Homecoming*, *Thor: Ragnarok*, *Black Panther*, *Avengers Infinity War*, *Ant-Man and the Wasp*, *Captain Marvel*, *Avengers: Endgame*, and *Spiderman: Far From Home*.



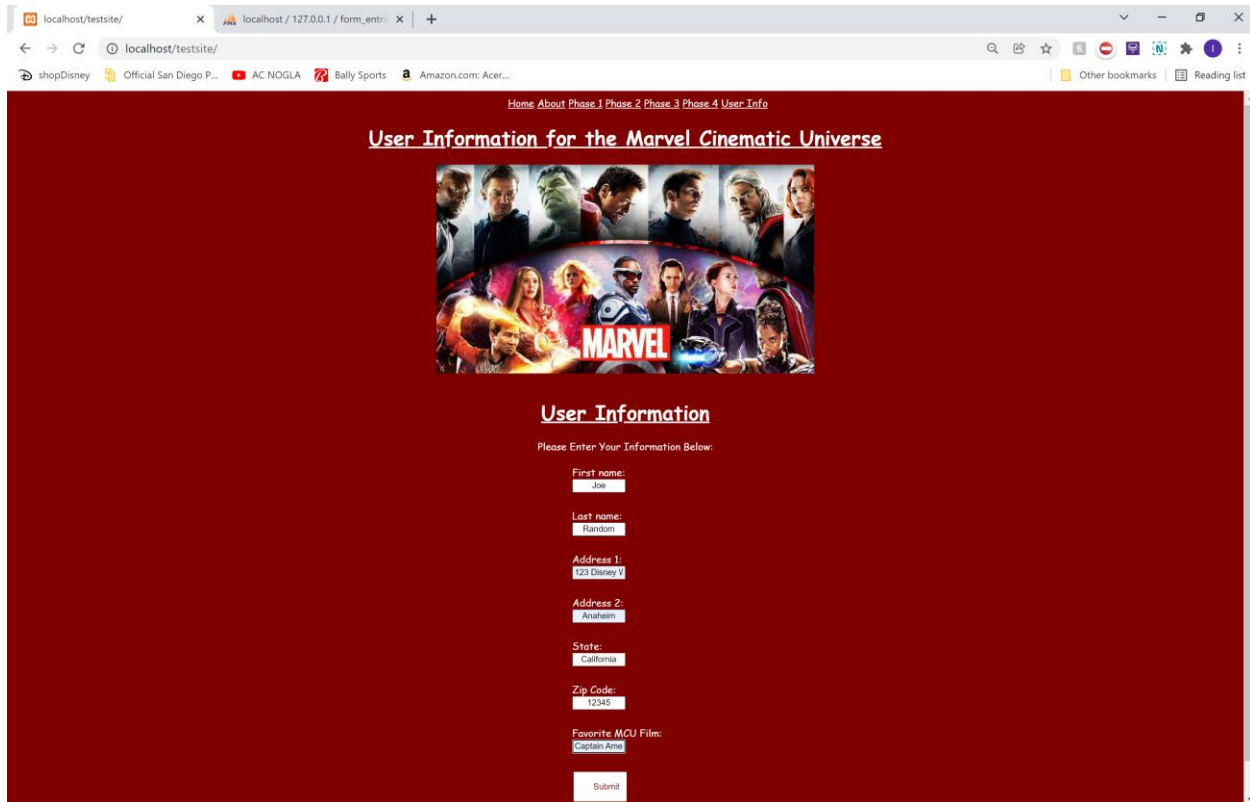
Phase 4:

We have the final phase and this is the current movies and shows that are being released now. There are a lot more coming out this year and next year but so far we have; *WandaVision*, *The Falcon and the Winter Soldier*, *Black Widow*, *Loki*, *Shang-Chi and the Legend of the Ten Rings*, *What If...?*, and *Hawkeye*.



User Info

Then, we have the user info page and it's where the consumers can enter their information to find out more on the MCU. This page saves information entered into our database. We ask for the consumers' first name, last name, address 1, address 2, state, zip code, and favorite MCU film as a fun bonus question.



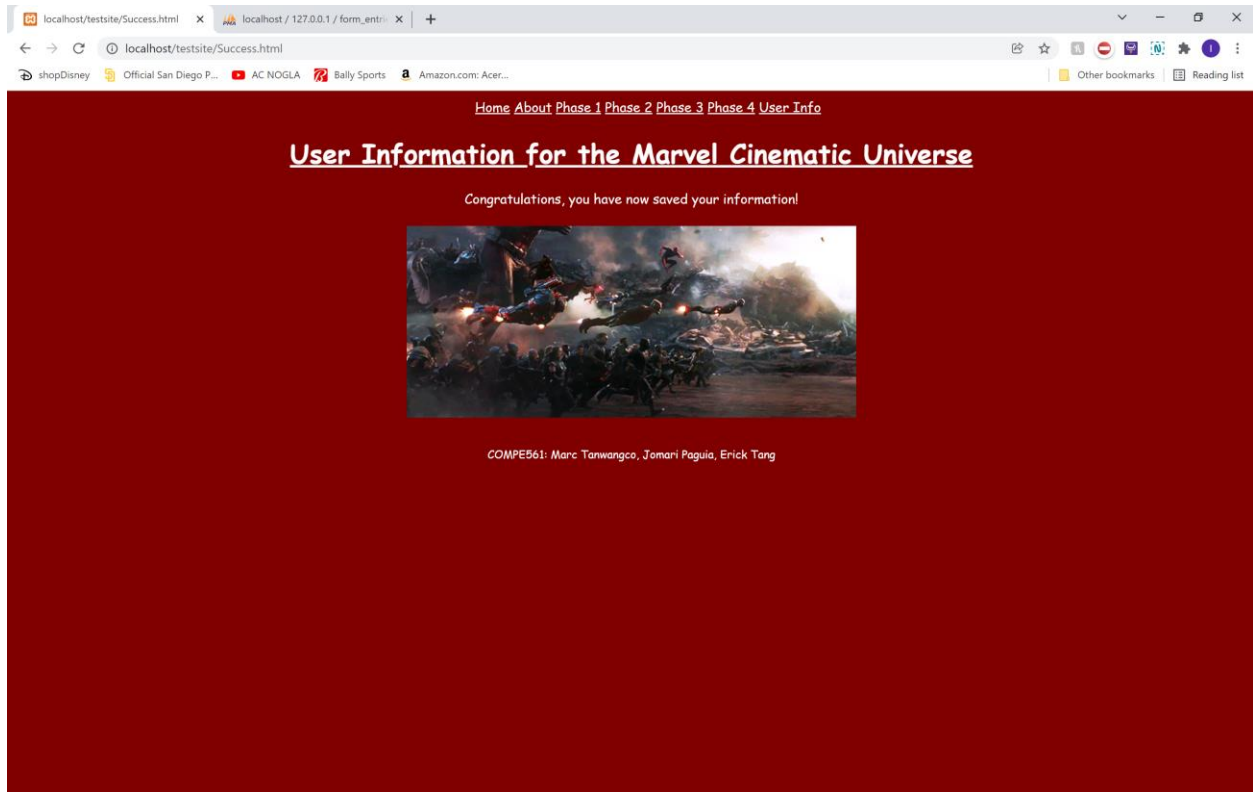
The screenshot shows a web browser window with the address bar displaying 'localhost/testsite/'. The page has a red background and a navigation bar at the top with links: Home, About, Phase 1, Phase 2, Phase 3, Phase 4, and User Info. The main heading is 'User Information for the Marvel Cinematic Universe', followed by a collage of Marvel characters. Below this is the 'User Information' section with the prompt 'Please Enter Your Information Below:'. The form contains the following fields and values:

Field Label	Value
First name:	Joe
Last name:	Random
Address 1:	123 Disney V
Address 2:	Anaheim
State:	California
Zip Code:	12345
Favorite MCU Film:	Captain Ame

A 'Submit' button is located at the bottom of the form.

User Info Uploaded

Finally, after a user input their information, they are then guided to a screen where it tells them that their information is saved into the back end where the administrator is allowed to monitor the user's input.



Back End Design:

For the back end, we decided to use PHPMyAdmin as the database that would grab the user information and store it into a table and used PHP as the connection between the front end and back end. If you would like to see the source code for the form and connection between the front end and back end, please refer to the link under the Purpose section for all the source code for the entire website.

The screenshot displays the PHPMyAdmin web interface. The browser address bar shows the URL: `localhost/phpmyadmin/index.php?route=/sql&db=form_entriesdb&table=userinfo&pos=0`. The interface is for the database `form_entriesdb` and the table `userinfo`. The SQL query executed is `SELECT * FROM 'userinfo' ORDER BY 'id' ASC`. The table structure is as follows:

	id	fname_fld	lname_fld	address1_fld	address2_fld	state_fld	zip_fld	favMCU_fld
<input type="checkbox"/>	16	Robert	Downey Jr.	482 Avengers Campus	Anaheim	California	12345	Iron Man
<input type="checkbox"/>	17	Marc	Tanwango	123 Disney Way	Anaheim	California	12345	Captain America: The First Avenger
<input type="checkbox"/>	18	joe	random	1374 sjfeusk	sdade	california	12345	Iron Man
<input type="checkbox"/>	19	asdfknknko	kfndwnkwnk	kfndwnkfln	kdfnknkfn	ndnfdnfljd	12354	mnndbnffnjdasn
<input type="checkbox"/>	20	Joe	Random	123 Disney Way	Anaheim	California	12345	Captain America: The First Avenger

Below the table, there are options to check all, edit, copy, delete, and export the selected rows. At the bottom, there is a section for bookmarking the SQL query, with a label field and a checkbox to let every user access this bookmark.

References:

Link to code borrowed for button clicker counter:

https://www.w3schools.com/html/tryit.asp?filename=tryhtml5_webstorage_local_clickcount

Website used to connect our front end to our back end:

<https://www.webcodzing.com/connect-html-form-to-mysql-database-using-php/>