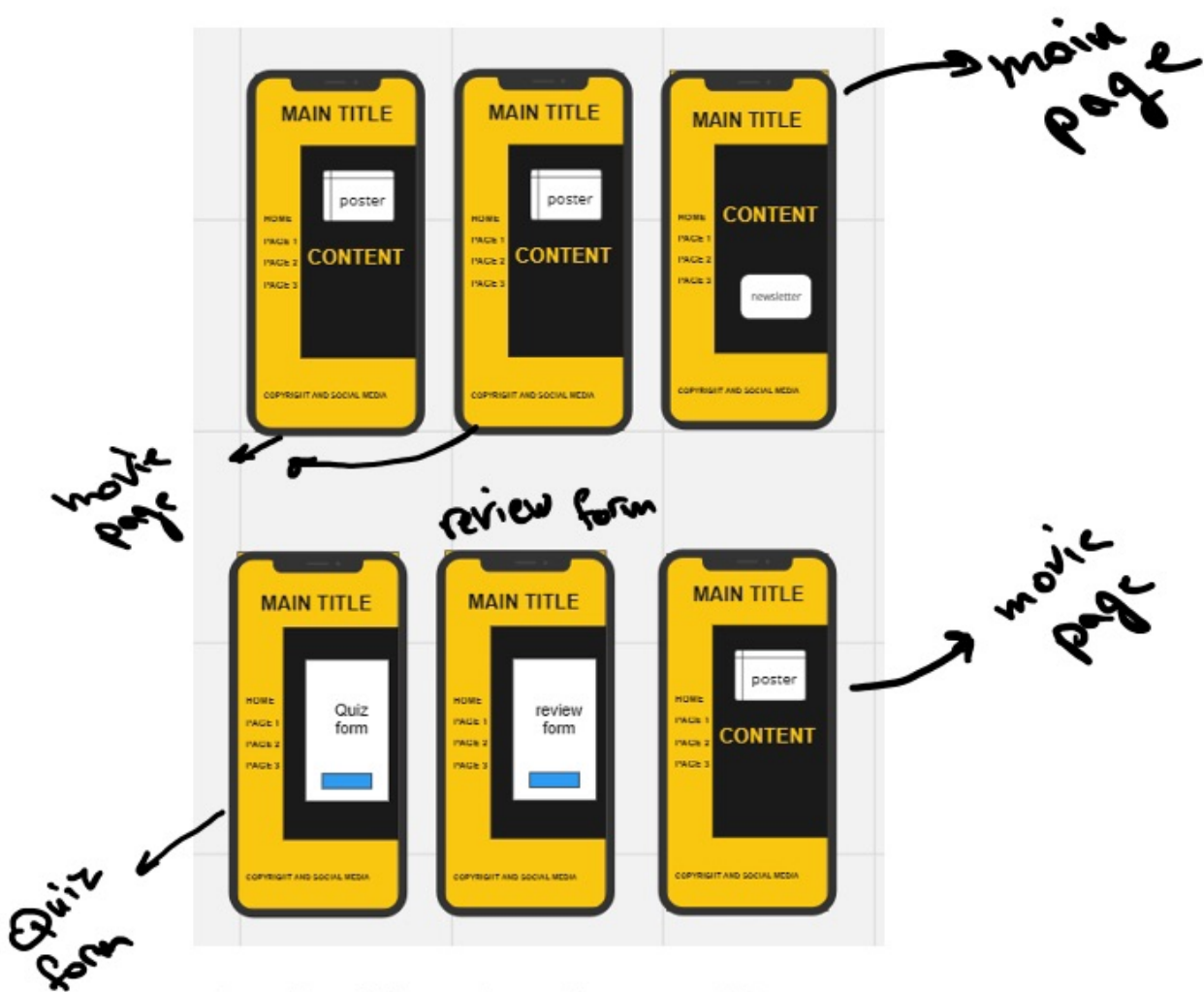


# Design Document 201691778

- wireframe model of the page layout (I used Miro.com to create the wireframe)

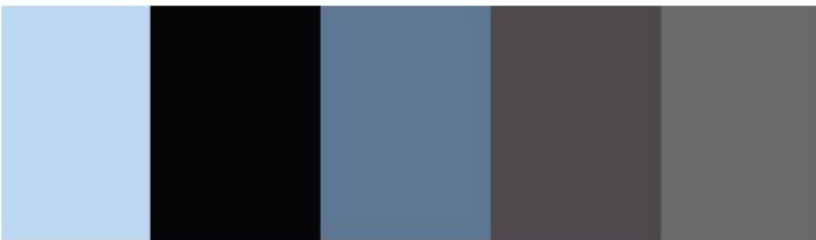
This a link to the website:

<https://r20eem.github.io/cousework/chris.html>



- Details of the color scheme and fonts

Dark color palettes were selected such that they would appeal to film enthusiasts as famous film-related websites like IMDB and Letterboxd are known for their dark color scheme. Light blue was selected to complement black and grey and to add a sharp contrast to the color scheme. The choice of a high-contrast palette, as Cravit (2019) points out, is appropriate for individuals with color vision deficiencies. To enhance accessibility, images and links were accompanied by descriptive text in the HTML code for users with limited internet connection or those unable to view images and ensuring easy access to content. Arial was selected as the font for its clarity and welcoming nature, as Sandu (2023) mentioned.



- Evaluation of my implementation justifying any changes between initial design and implementation.

In the initial stages of the design process, I selected dark color palettes believing they would appeal to film enthusiasts. Initially, I opted for yellow to accentuate the primary black and grey palette. However, after some consideration, the resemblance to IMDB's color scheme became clear, prompting me to choose light blue to create a unique visual identity for this website. I have changed the layout because when I tested it on small screens, the sidebar took a lot of the space of the main area, so I moved the sidebar to the top left corner of the page to provide smooth interaction with the user.

Within the html file, I have used a wide variety of HTML elements, such as footer, nav, h1, table and many more. I have applied the appropriate CSS style to all html elements, using classes and id. All html documents are WCAG compliant.

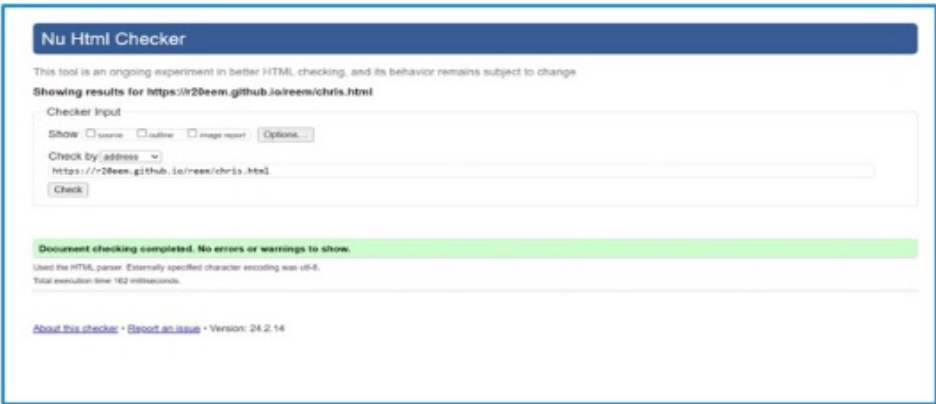
**For future enhancements**, it is planned to distinctly section off the navigation bar by giving it a unique background color, making it easily distinguishable from the main content area. Recognizing that larger screen sizes reveal noticeable empty spaces, future updates will introduce additional content to utilize this space effectively. To accommodate diverse user preferences, the introduction of customizable background options will allow users to switch between light and dark modes, addressing the varying comfort levels with different background and font color combinations. Furthermore, font size adjustability will be implemented, ensuring text readability aligns with individual user needs. Lastly, adjustments will be made to refine the appearance of the feedback form on larger screens, aiming for a more coherent and visually appealing interface across all viewing platforms.

•**Brief description justifying my choice of layout**

The header is placed at the top of the page, it acts as the initial point of interaction, and it establishes a clear starting point for user navigation. The main content area is positioned at the center of the page to ensure flexibility for diverse types of content such as text, images, tables, and forms. The sidebar is positioned at the top left of the main content, it is placed to complement the primary content area, and to ensure it provides clear and direct access to various site sections. This layout was chosen for its balance between navigational efficiency and content presentation, and to ensure users have a smooth and straightforward experience as they interact with the site's content delivery. The layout was tested many times on different devices and then updated to the last version such as that it offers clear presentation on all devices and web browser. Lastly the layout is consistent across all pages.

• **Outline of how I tested my website**

I have used W3.org to test my website, I have tested all pages on w3.org and there are no errors or violations. I have provided a screenshot of the main page. in addition, I have used the developer tool in Chrome and Microsoft explorer to test my website in different devices and different web browser. Below are some screenshots which were taken in the testing process using iPhone 12 pro, iPad Air, and the browser on my laptop along with w3.org test result.



References:

Miro. <https://miro.com/>. [Online]. [Accessed 27 February 2024]. Available from:  
<https://miro.com/index/>.

Cravit, R. 2019. What is color? ANSWERED! In less than 3 minutes [COLOR THEORY AND DESIGN FOR BEGINNERS].



Sandu, B. 2023. Readable & stylish: The 15 best fonts for reading. Design Your Way. [Online]. [Accessed 25 February 2024]. Available from: <https://www.designyourway.net/blog/best-fonts-for-reading/>.

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Name:

Email:

Password:

Age:

Your Score (out of 5):  

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Coursework 2 (id=201691778) Reem Almutairi  
Christopher Nolan’s Films website

# Coursework 2 (id=201691778) Reem Almutairi

## Christopher Nolan’s Films website

<https://r20eem.github.io/csw6/chris.html>

- **Changes from Coursework 1**

I enhanced the website's responsiveness using Bootstrap, ensuring the navigation bar adapts seamlessly across devices. On larger screens, the navigation bar is displayed at the top, while on smaller screens, it transitions to a hamburger menu. Additionally, I revised the colour scheme of the header and footer to a dark grey. This decision was informed by research into other film-related websites, which commonly avoid vibrant colours. These changes aim to resonate more effectively with film enthusiasts. I kept the font and colour scheme the same. However, I added more content for coursework 1 pages like videos, and a console that displays movie posters.

- **Form Functionality and Local Storage Implementation**

I used forms to facilitate user submissions, ensuring each input field is appropriately configured to receive specific types of data. This prevents errors such as entering non-numeric characters in numerical fields like age. Advanced HTML5 feature like local storage, is utilized to enhance user experience by temporarily saving entered information. Upon form submission, users are redirected to a confirmation page [thankyou.html], which personalise the message by incorporating the user’s name, displaying: "[User Name], thank you for submitting this form." This approach streamlines user interactions and reinforces a positive user experience. I have used it in two pages, home page and review page.

Age:

33

✓

Your Score (out of 5):

3

✓ ▼

☐

Subscribe to Newsletter

☒

I agree to the Privacy Policy  
You must agree to the privacy policy.

Your Review (please provide the movie title):

Name:

Reem

✓

Email:

rrmem

ⓘ

Please enter a valid email address.

Password:

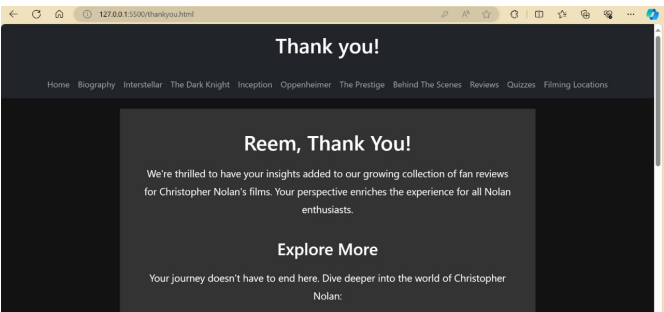
\*\*\*\*\*

✓

Age:

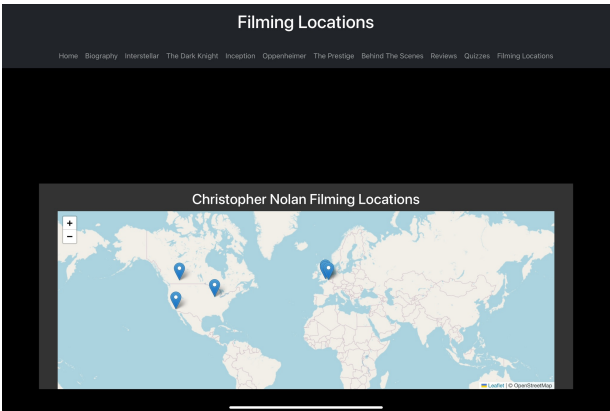
33

✓



- **Geolocation ] Feature**

To enhance user engagement and offer an interactive experience, I have integrated the geolocation feature into my website. This feature automatically detects the user’s current location and displays it alongside a list of filming locations used by Christopher Nolan. By visualizing their proximity to these iconic sites, users may feel a stronger connection and be encouraged to visit. This functionality not only makes the site more interactive but also adds a personalized touch, enriching the overall user experience.



- **Quiz page and local storage integration**

The quiz page utilises local storage to enhance user experience by saving quiz results. Upon completion, users are automatically redirected to the 'score.html' page, which displays their score out of 9. This feature has been thoroughly tested with various answers to ensure reliability and accuracy in scoring. Image below shows that the user has to complete the whole quiz to get a score.

127.0.0.1:5500 says  
Please answer all questions before submitting the quiz.  
OK

Revolutionary Road

Question 9: In "Tenet," what is the term used for objects with reversed entropy?

Inverters

Time-shifters

Reverse-chronos

Inverted

Question 10: Which actor portrays the protagonist in the film "Following"?

Christian Bale

Jeremy Theobald

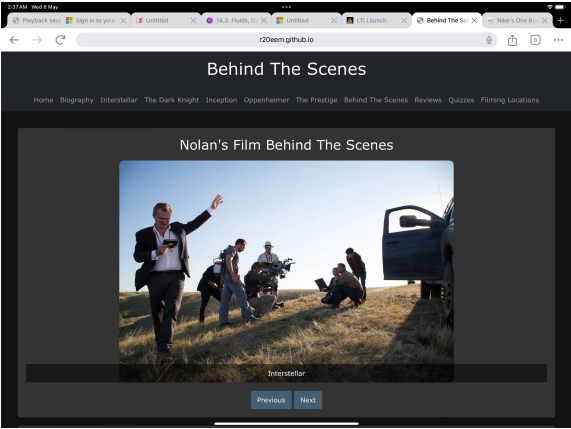
Tom Hardy

Guy Pearce

Submit Answers

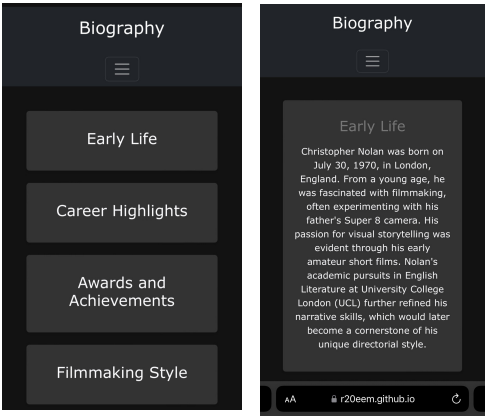
• **Behind the scenes and navigateGallery function**

The 'Behind the Scenes' gallery showcases images from Christopher Nolan's film sets. It features a navigateGallery function with two buttons that allow users to browse through the images easily, moving forward or backward.



• **Bibliography Page Toggle Function**

The bibliography page features a 'togglecontact' function that allows users to click on a section to either display or hide its content. This interactive element enhances usability by letting users control the amount of information shown at one time.



• **Future website enhancements**

Dark Mode/Light Mode \

Introducing a toggle feature on the top of each page that allows users to switch between dark and light display modes. This will improve user comfort and accessibility, catering to individual preferences for screen brightness and contrast at different times of the day or in different lighting conditions.

Dynamic Quiz Section\

Enhancing the quiz section by increasing the pool of questions and introducing a randomized selection mechanism. Each time a user starts or restarts the quiz, they will encounter different questions. This improvement aims to increase user engagement by providing a fresh and challenging experience with each attempt.

Enhanced Map Navigation\

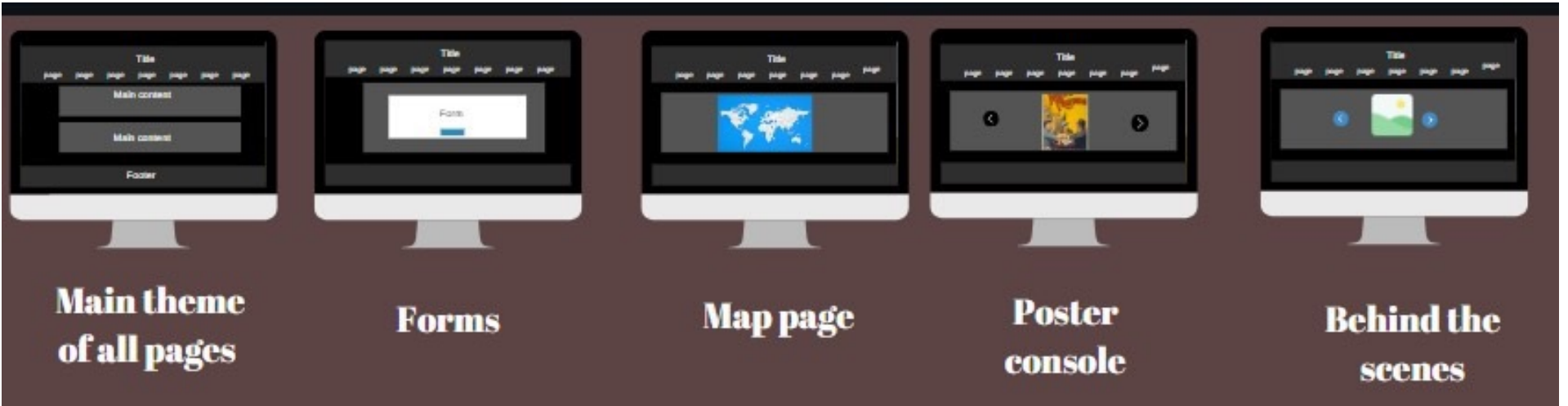
Upgrading the map page to allow zooming in and out using both keyboard shortcuts and mouse scroll, in addition to the existing on-screen buttons. This will make the map interaction more intuitive and user-friendly, particularly for users who prefer or are accustomed to keyboard and mouse navigation.

Interactive Movie Posters on Home Page\

Adding hyperlinks to each movie poster displayed in the home page console. Clicking on a poster will direct users to a dedicated page for that movie, providing detailed information and possibly streaming options. This feature will enhance user experience by facilitating easier access to content related to their interests directly from the home page.

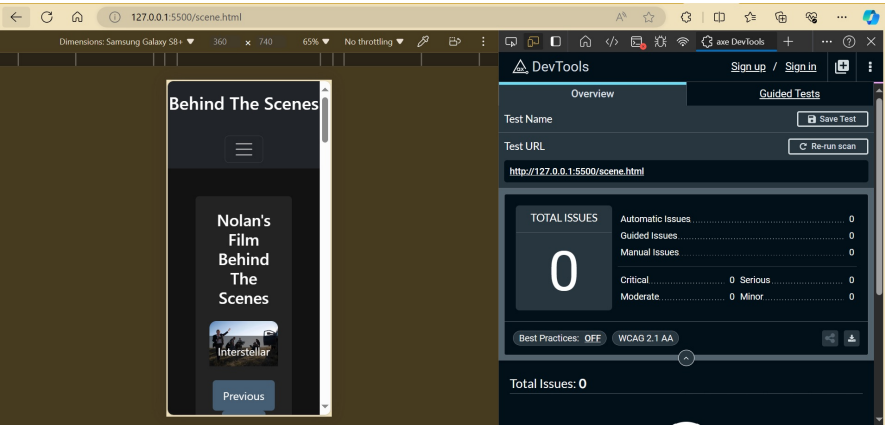
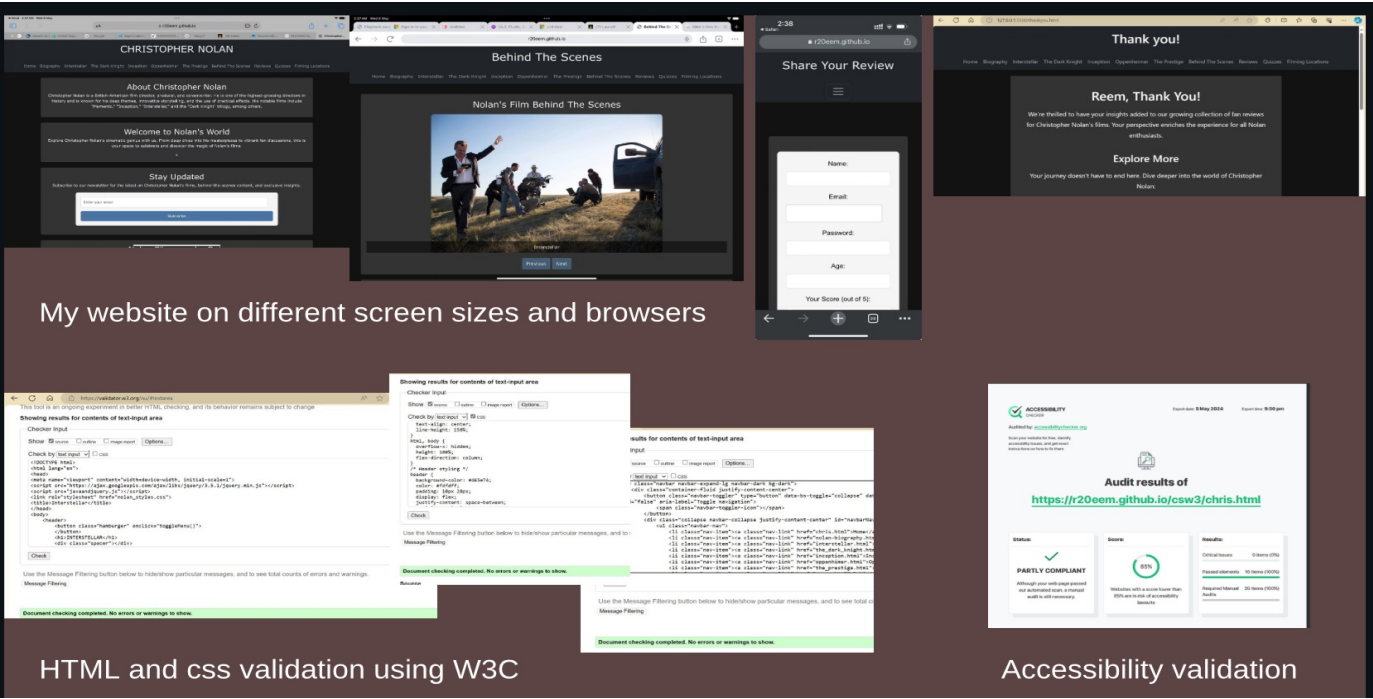
• **Wireframe**

I didn’t change anything from the wireframe, so the current style is pretty much what I wanted.

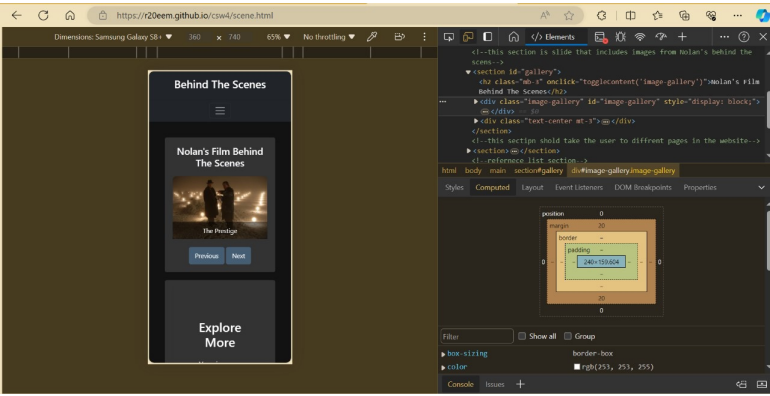


• **How I tested my website.**

I used w3c validator to validate my html and css files, I have used accessibility checker to check if my website is complementing for people with certain needs, and I used the developer tools in chrome to test my website for different screen sizes. I have test it in non standard browsers like an accessibility website and I have tested my website into different browsers like chrome, explorer and safari. Below are screenshots to prove it.



Accessibility website screenshot



Responsiveness of my website