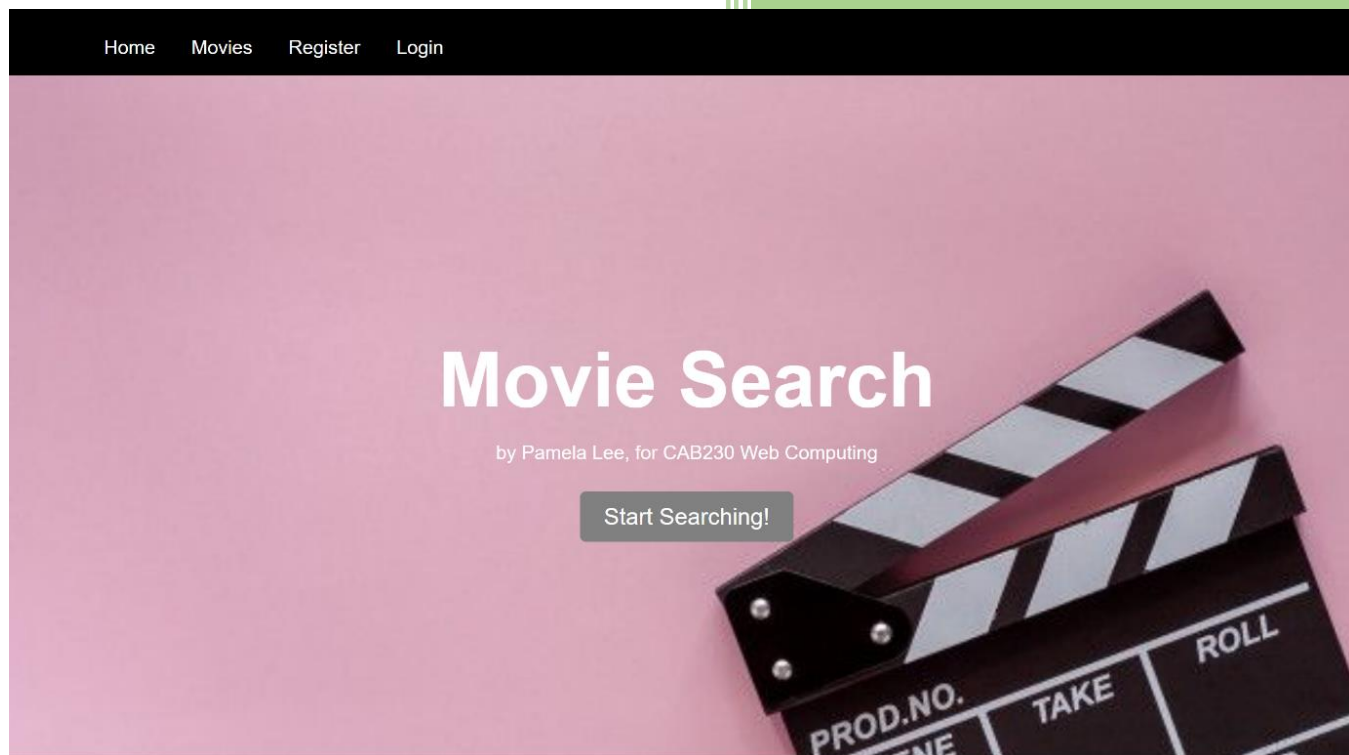


2023

CAB230 Assignment 2 Client Side



CAB230

Movies API – Client Side Application

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5/9/2023

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Introduction

Purpose & description

I have developed a React-based web application designed to provide users with a convenient and intuitive way to view and analyse data about movies which has been exposed via a REST API. The website offers a simple yet powerful search page that allows users to quickly find the movie they are interested in. The API integration provides a vast database of movie information from 1990 – 2023, allowing the website to provide users with a wealth of information about each title, including details such as the release year, genre, cast, and plot synopsis.

The website application is designed with user-friendliness in mind. A fixed navigation bar is situated at the top viewport, ensuring that it always remains in view. This enables users to effortlessly navigate to the home page, browse through the movie list under the "Movies" section, and conveniently register or log in to their account.

In my website, I implemented simple styling using CSS, and prioritized a clean and efficient look over complex designs. To enhance the user experience, you will notice that I have used buttons that allow the user to easily process any selection/search features, as well as a search bar to allow the user to easily search through the database for their movie.

I also used special modules such as "react-router-dom", "chart.js", to incorporate navigation and charting to the website application. I also incorporated user testing to test the functionality of the application by getting friends to test the application. Below is a screenshot of my homepage (Fig 1), giving you a glimpse into my website's functionality and design.

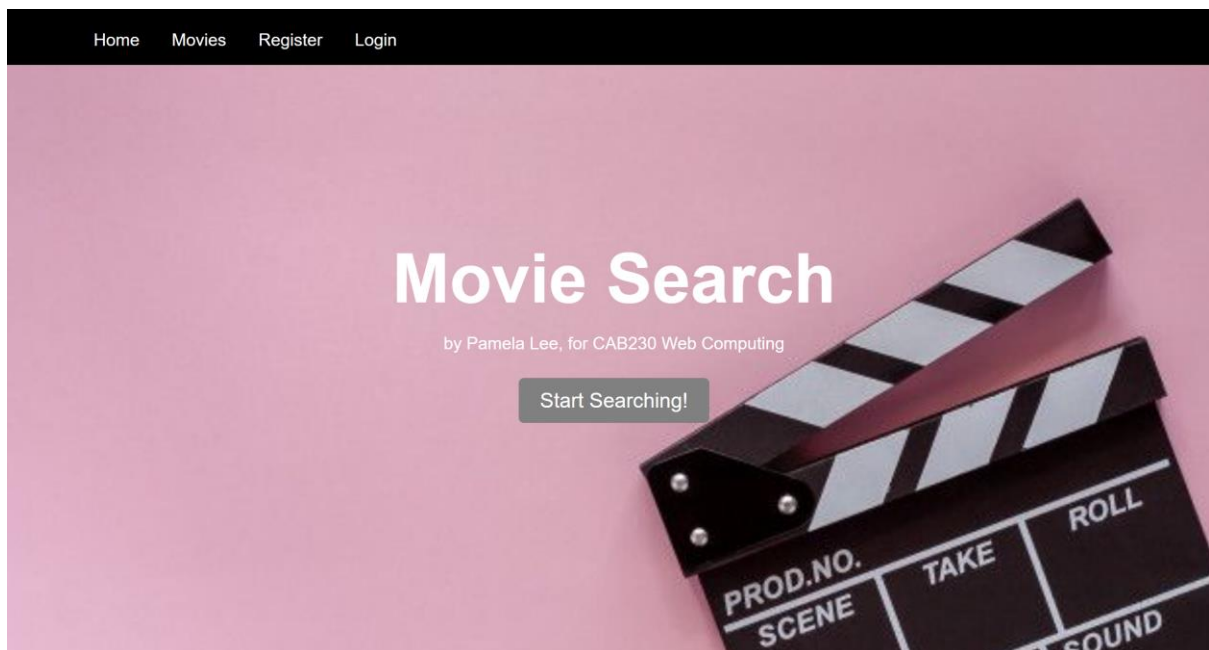


Figure 1. Home Page

Completeness and Limitations

My React application utilizes data endpoints effectively and presents the data in a clean and organized manner. The implementation of user registration and login endpoints and the authenticated data endpoint was successfully achieved. To ensure efficiency, table components were created using standard functionality provided by a component such as AG Grid and there was no excessive querying of the server.

The website design was kept simple, clean, and uncluttered. The presentation of data was also well organized. Navigation was made easy using React Router, and controlled forms were utilized for inputs. There was clear alignment between the chosen components and the data they were displaying. To enhance user experience, refresh tokens were used to ensure that users do not need to log in again every 10 minutes. A chart component was included on the 'person' page to display the IMDB scores of the films they worked on, demonstrating proficiency in utilizing chart components.

The only limitation in this website is the lack of infinite scrolling. I decided not to implement infinite scrolling as ag-grid-react does not allow filtering or sorting in infinite scrolling if an enterprise account is not used. Hence, I decided to prioritise these functions over infinite scrolling. Instead, I have included a “Load More” button (Fig 2.), which allows the user to fetch more movies if required. Using the button, this prevents excessive fetching of the API as it only fetches when needed by the user.

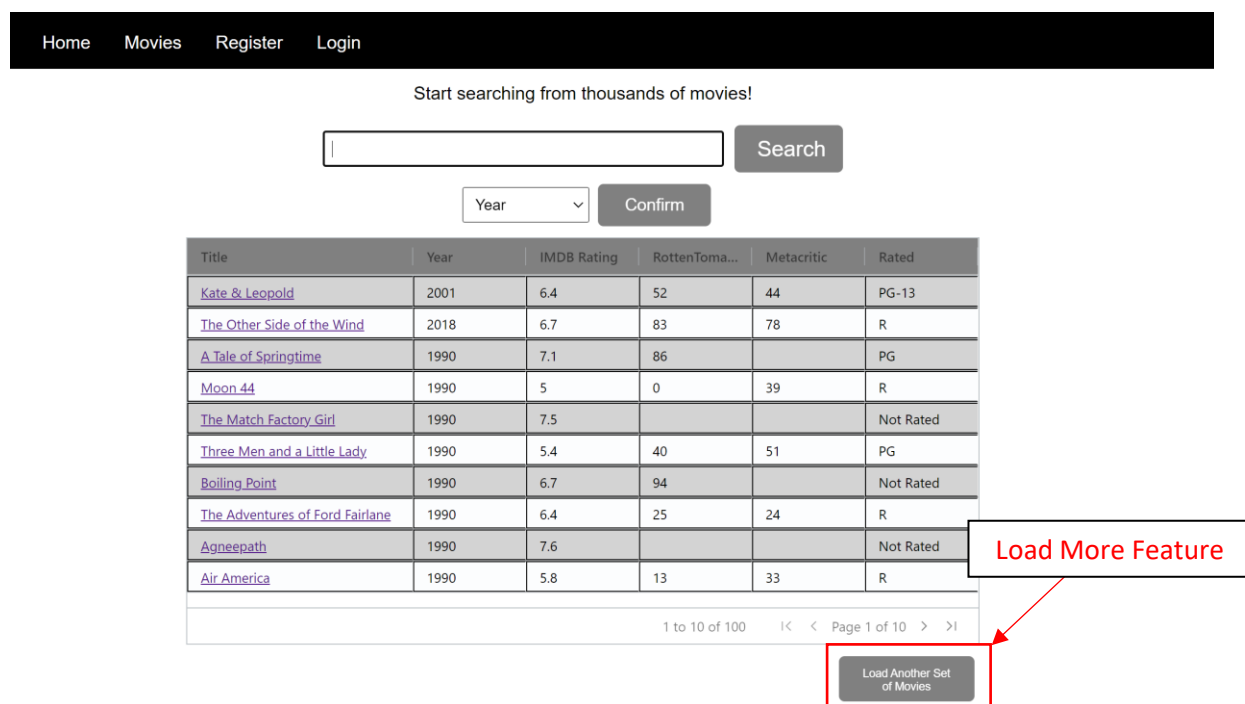


Figure 2. Movies List page with “Load More” button labelled.

Use of End Points

In this section, I will explain the facilities that I have provided in the website.

</movies/search>

In the “Movies” page (Fig 3.), the user may search for movies by movie title, and by movie year. Only by clicking on the “Search” and “Confirm” button then will each filter be applied.

[Home](#) [Movies](#) [Register](#) [Login](#)

Start searching from thousands of movies!

Title	Year	IMDB Rating	RottenToma...	Metacritic	Rated
Star Wars: Episode II - Attack of...	2002	6.6	65	54	PG

1 to 1 of 1 |< < Page 1 of 1 > >|

Figure 3. Movies List Page.

</movies/data/{imdbID}>

Clicking on a title in the “Movies” table will lead you to the movie’s details page (Fig 4.), as shown below.

[Home](#) [Movies](#) [Register](#) [Login](#)

Star Wars: Episode I - The Phantom Menace

Release Year: 1999

Runtime: 136 minutes

Genre(s): Action, Adventure, Fantasy


Country: United States

Box Office: \$474544677

Synopsis: Two Jedi escape a hostile blockade to find allies and come across a young boy who may bring balance to the Force, but the long dormant Sith resurface to claim their original glory.

Role	Name	Characters
editor	Paul Martin Smith	
actor	Ewan McGregor	Obi-Wan Kenobi
actor	Liam Neeson	Qui-Gon Jinn
actress	Natalie Portman	Queen Amidala, Padmé
actor	Jake Lloyd	Anakin Skywalker
director	George Lucas	
producer	Rick McCallum	
composer	John Williams	
cinematographer	David Tattersall	
editor	Ben Burt	

1 to 10 of 10 □ Page 1 of 1 □



Reviews

Internet Movie Database: 6.5

Rotten Tomatoes: 51

Metacritic: 51

Figure 4. Movie Details Page.

/people/{id}

Clicking on a principal in the principal list will lead the user to this page (Fig 5) if they are not logged in. It will prompt them to login or register (if they do not have an account).

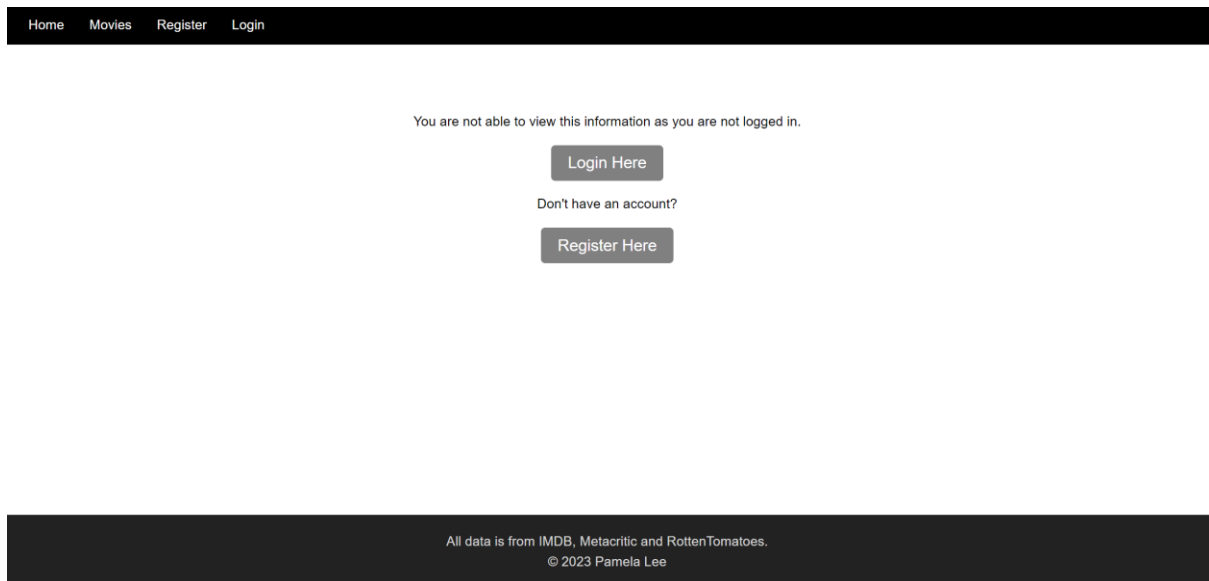


Figure 5. Login/Register Prompt Page.

Otherwise, if the user is logged in, they will be able to view the full details (Fig 6). In the example below, we are viewing Ewan McGregor's details. Not only are all of his roles available for viewing, but there is also a chart showing his IMDb ratings at the bottom of the screen.

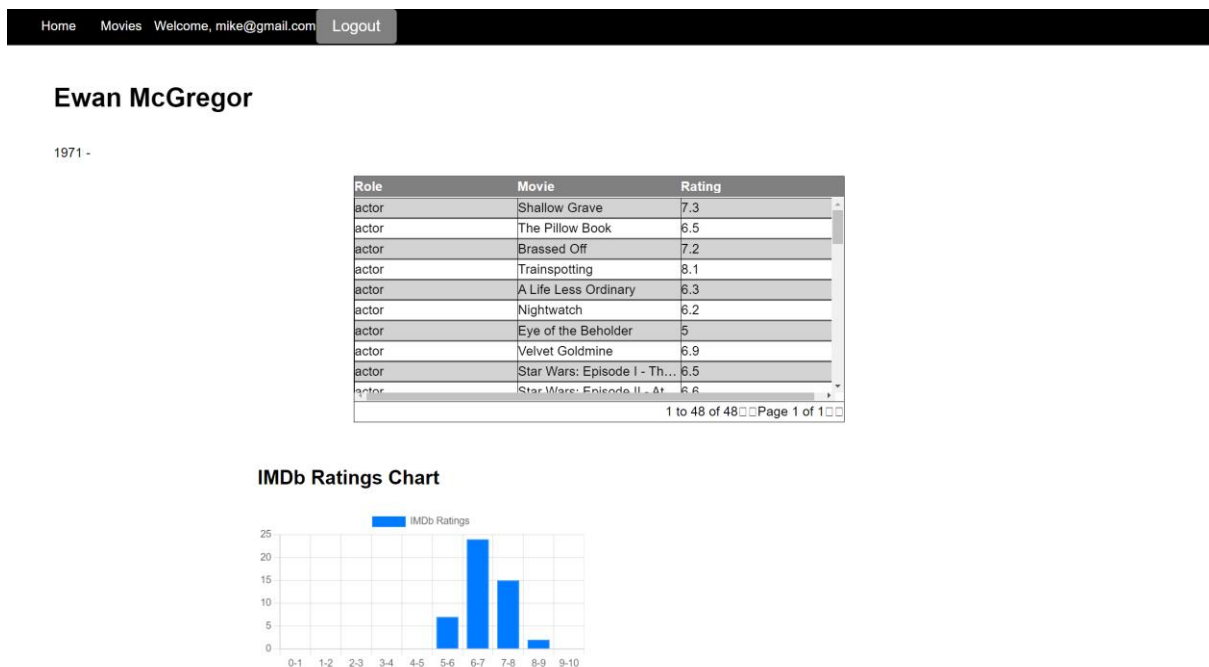


Figure 6. Principal's Details Page.

</user/register>

The registration page (Fig 7) allows the user to create a new account. This form will submit successfully and send a post request to the API if passwords match, else, it will prompt the user to key in the password again.

[Home](#) [Movies](#) [Register](#) [Login](#)

Registration Page

Email:

Password:

Confirm Password:

All data is from IMDB, Metacritic and RottenTomatoes.
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Figure 7. Registration Page.

</user/login>

The login page (Fig 8.) allows the user to login to their existing account. This form will submit successfully and send a post request to the API if the account details are correct.

[Home](#) [Movies](#) [Register](#) [Login](#)

localhost:3000 says
Login successful! You will be directed to the home page..

Login Page

Email:

Password:

Don't have an account yet?
[Register Now!](#)

All data is from IMDB, Metacritic and RottenTomatoes.
© 2023 Pamela Lee

Figure 8. Login Page.

</user/refresh>

The token will be sent to refresh every 9 minutes, before the token expires.

```
Token has been successfully refreshed.                                     App.js:35  
>
```

Figure 9. Successful token refresh is printed in console.

</user/logout>

Clicking on the log out button at the top of the screen will send a POST request to the API, which will then invalidate the refresh token. The screenshot below (Fig 10) shows a successful logout attempt.

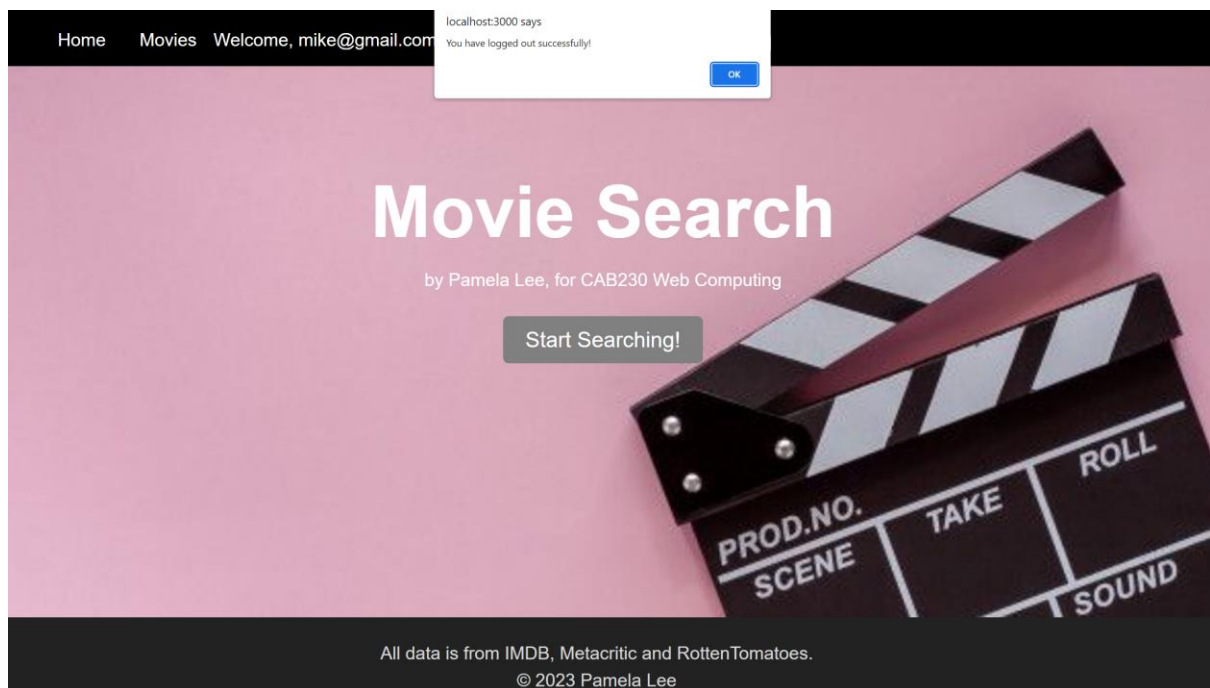


Figure 10. Successful logout attempt

Modules Used

This is just a list of the external modules that I have used. You need not specify core React modules.

Ag-grid-react

Module to provide fully featured table components, including infinite scrolling.

<https://www.ag-grid.com/react-grid/>

react-router-dom

Module that provides routing capabilities for web applications built with React. It allows developers to create dynamic and interactive user interfaces by enabling navigation between different components or pages based on the URL path.

<https://reactrouter.com/en/main/start/overview>

Chart.js

Simple yet flexible JavaScript charting library for the modern web.

<https://www.chartjs.org/>

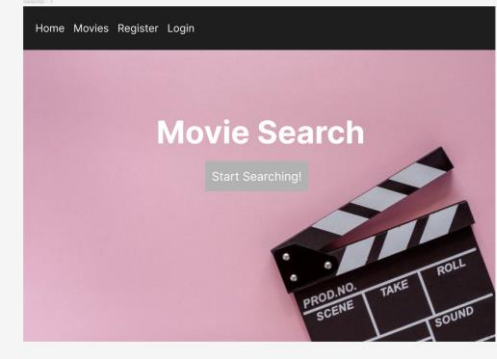
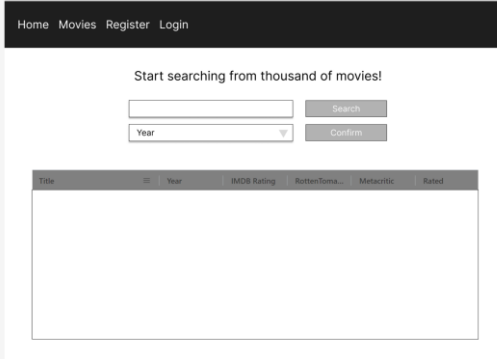
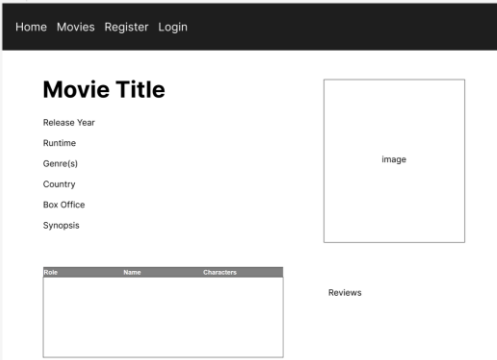
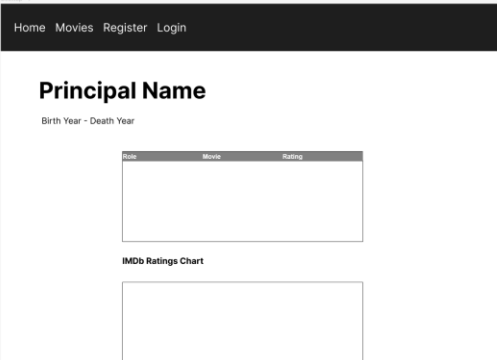
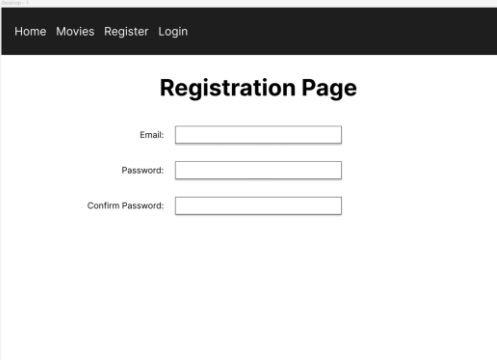
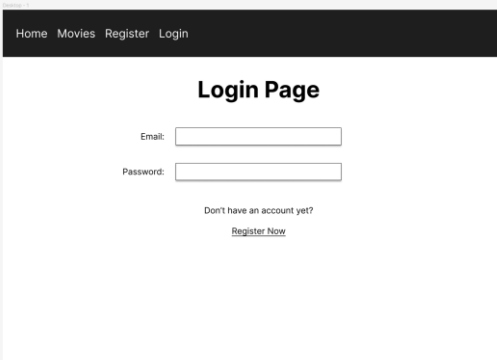
React components for Chart.js, the most popular charting library.

<https://react-chartjs-2.js.org/>

Application Design

Navigation and Layout

I did my design mock-ups on Figma, which are displayed in the table below. My application design strictly adhered to the mock-ups. I prioritized a clean and minimalist design over flowery aesthetics.

Home Page	Movies List Page
 The Home Page features a dark navigation bar with links: Home, Movies, Register, Login. The main content area has a pink background with the text 'Movie Search' and a 'Start Searching!' button. A clapperboard graphic is positioned in the bottom right corner.	 The Movies List Page has a dark navigation bar with links: Home, Movies, Register, Login. Below the navigation bar is a search prompt 'Start searching from thousand of movies!' followed by a search input field, a 'Search' button, a 'Year' dropdown menu, and a 'Confirm' button. A table with columns: Title, Year, IMDb Rating, RottenToma..., Metacritic, and Rated is shown below the search controls.
Movie Details	Principal Details
 The Movie Details page has a dark navigation bar with links: Home, Movies, Register, Login. The main content area is divided into two columns. The left column contains a 'Movie Title' section with fields for Release Year, Runtime, Genre(s), Country, Box Office, and Synopsis. The right column contains a large 'Image' placeholder. Below the image is a 'Reviews' section with a table for 'Reviews' and a 'Reviews' button.	 The Principal Details page has a dark navigation bar with links: Home, Movies, Register, Login. The main content area is divided into two columns. The left column contains a 'Principal Name' section with fields for Birth Year and Death Year. The right column contains a table for 'Principal Details' with columns: Role, Movie, and Rating. Below the table is an 'IMDb Ratings Chart' section.
Register Page	Login Page
 The Register Page has a dark navigation bar with links: Home, Movies, Register, Login. The main content area is titled 'Registration Page' and contains a form with fields for Email, Password, and Confirm Password.	 The Login Page has a dark navigation bar with links: Home, Movies, Register, Login. The main content area is titled 'Login Page' and contains a form with fields for Email and Password. Below the form is a link that says 'Don't have an account yet? Register Now'.

I will describe the different pages in detail with screenshots of the actual website instead of the mock-ups. The descriptions include the flow between the screens. You will notice that the navigation bar is consistent over the different pages and will remain at the top of the user's viewport when scrolling down. This allows the user to navigate between different pages even if they are not currently at the top of the page. I did not apply this to the footer, as I felt that that was unnecessary. The footer will only be visible once the user scrolls down to the bottom of the page.

1. Home Page

The home page (Fig. 11) has a simple design – a navigation bar, an eye-catching backdrop, as well as a header simply telling the user that this is a movie search website. The user is guided to click on “Start Searching” to get started, or if they like, they may navigate to other options through the navigation bar. It is designed to be straightforward and user-friendly.

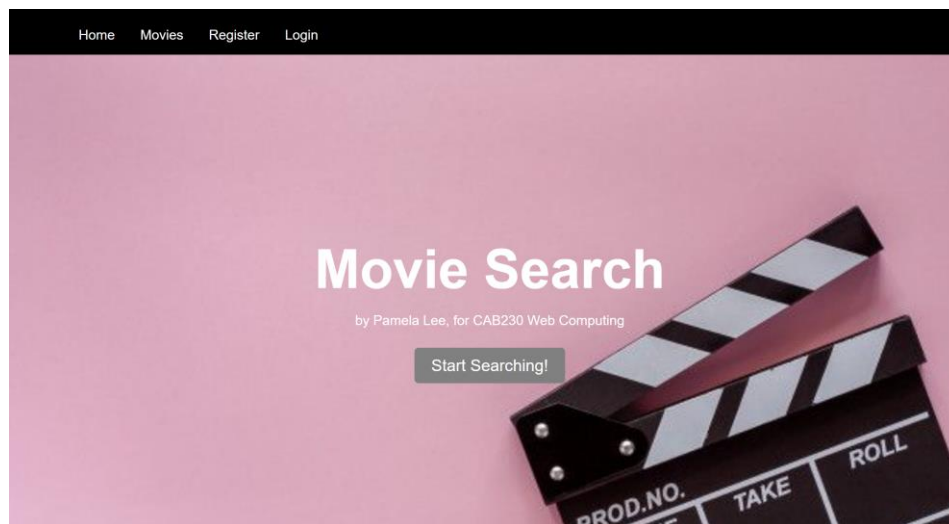


Figure 11. Home Page

2. Movies List Page

This page (Fig. 12) is accessed by either clicking on “Movies” in the navigation bar or “Start Searching” on the home page, the user will be directed here. The user can freely browse through the list of movies or use the search bar / year selection filter to look for the movie of their choice. The table only loads 100 movies at once, so the user may click on “Load More Movies” to load another set of 100 movies from the database.

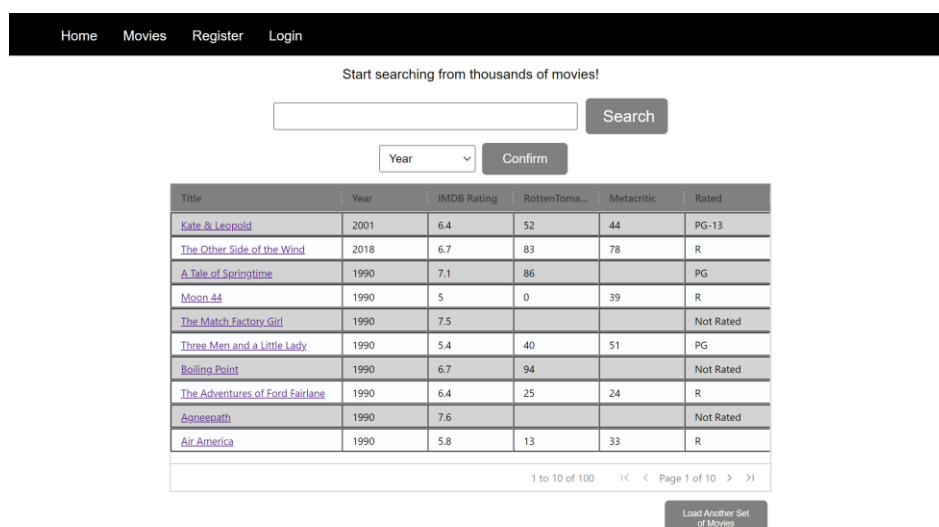


Figure 12. Movies Listing Page

3. Movie Details Page

This can be accessed via clicking a movie title in the table in the “Movies” page (Point 3). Details of the movie are released here (Fig. 13).

[Home](#) [Movies](#) [Register](#) [Login](#)

Star Wars: Episode I - The Phantom Menace

Release Year: 1999

Runtime: 136 minutes


Genre(s): Action, Adventure, Fantasy

Country: United States

Box Office: \$474544677

Synopsis: Two Jedi escape a hostile blockade to find allies and come across a young boy who may bring balance to the Force, but the long dormant Sith resurface to claim their original glory.

Role	Name	Characters
editor	Paul Martin Smith	
actor	Ewan McGregor	Obi-Wan Kenobi
actor	Liam Neeson	Qui-Gon Jinn
actress	Natalie Portman	Queen Amidala, Padmé
actor	Jake Lloyd	Anakin Skywalker
director	George Lucas	



Reviews

Internet Movie Database: 6.5

Rotten Tomatoes: 51

Metacritic: 51

Figure 13. Movie Details Page

4. Principals Page (Authenticated)

This can be accessed via clicking the principal’s name in the table in the “Movies” page (Fig. 14). Details of the principal are available here. It is important to not that if the user is not logged in, they will not be able to view the details at all, and instead, it will lead the user to the Unauthenticated Page (Point 5).

[Home](#) [Movies](#) Welcome, pamelaz26june@yahoo.com.sg [Logout](#)


Ewan McGregor

1971 -

Role	Movie	Rating
actor	Shallow Grave	7.3
actor	The Pillow Book	6.5
actor	Brassed Off	7.2
actor	Trainspotting	8.1
actor	A Life Less Ordinary	6.3
actor	Nightwatch	6.2
actor	Eye of the Beholder	5
actor	Velvet Goldmine	6.9
actor	Star Wars: Episode I - Th...	6.5
actor	Star Wars: Episode II - At...	6.6

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IMDb Ratings Chart



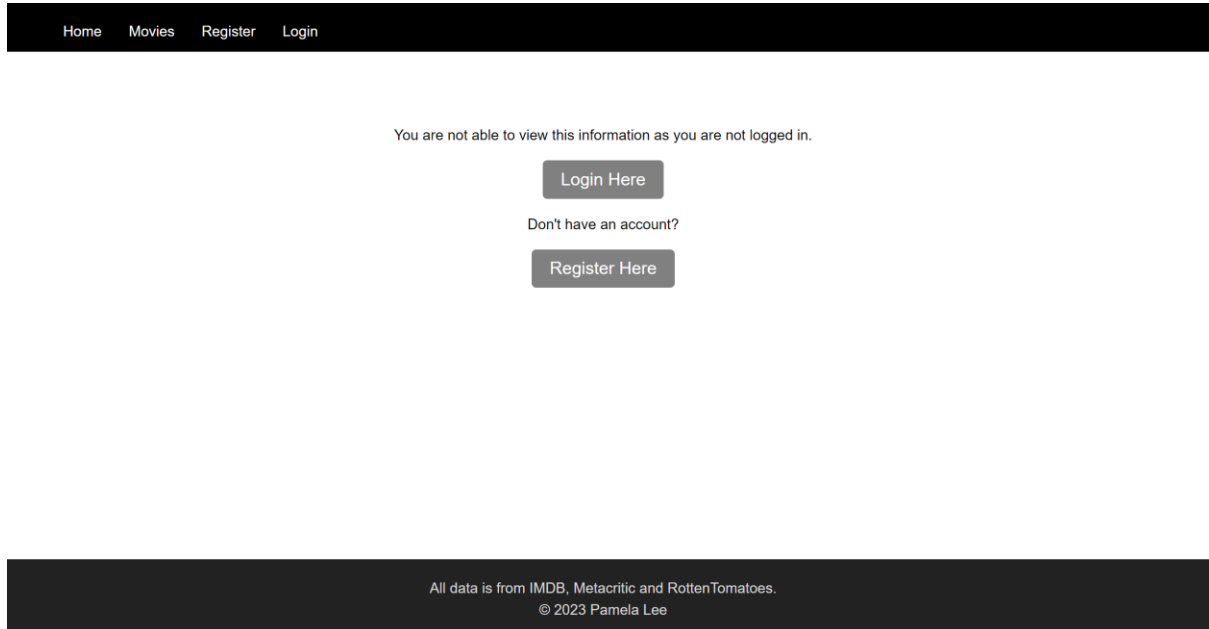
The chart shows the distribution of IMDb ratings for Ewan McGregor. The x-axis represents the rating (from 0 to 25), and the y-axis represents the number of ratings. The data is as follows:

Rating	Number of Ratings
6.5	1
7.2	8
7.3	24
8.1	15
8.6	2

Figure 14. Principal Details Page (with Chart)

5. User is Unauthenticated

Users will be directed to this page (Fig. 15) if they attempt to view a principal's detail while not logged in. The login button here will lead them to the login page (Point 6), and the register button will lead them to the registration page (Point 7).



Home Movies Register Login

You are not able to view this information as you are not logged in.

Login Here

Don't have an account?

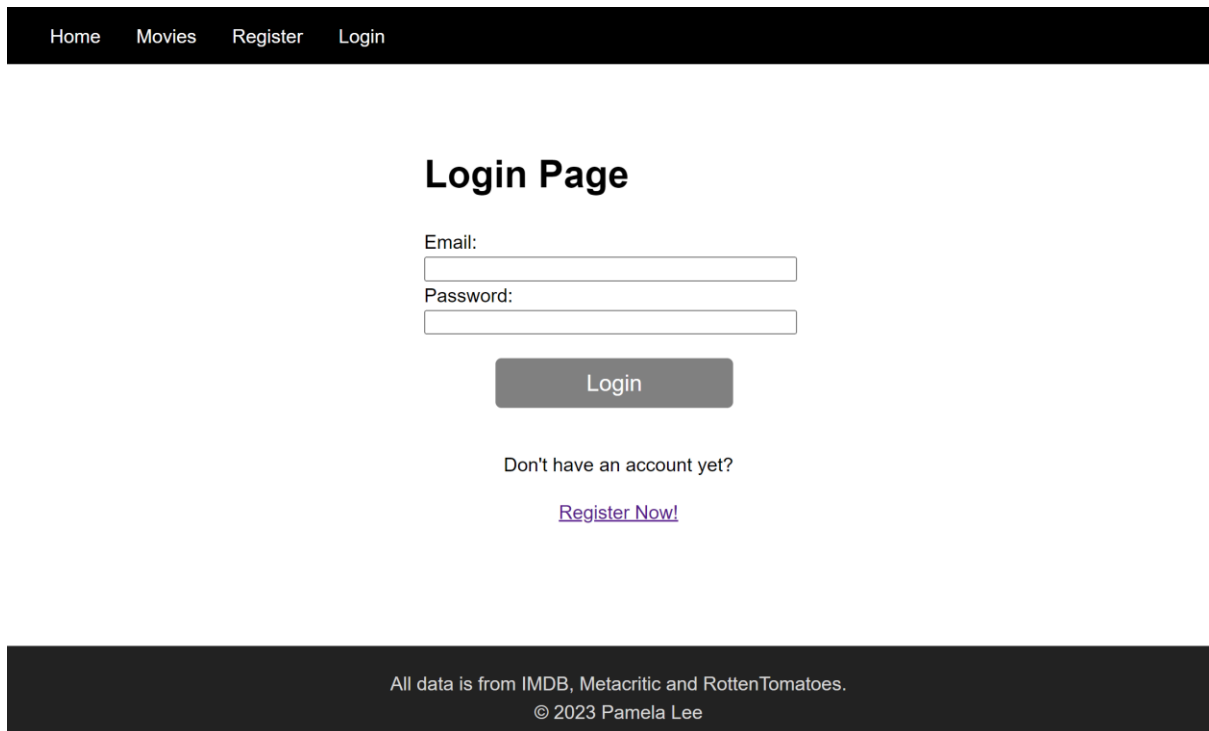
Register Here

All data is from IMDB, Metacritic and RottenTomatoes.
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Figure 15. Login/Register Prompt page

6. Login Page

User will need to key in their registered email address and password (Fig. 16). Upon successful log in, they will be directed to the home page (Point 1).



Home Movies Register Login

Login Page

Email:

Password:

Login

Don't have an account yet?

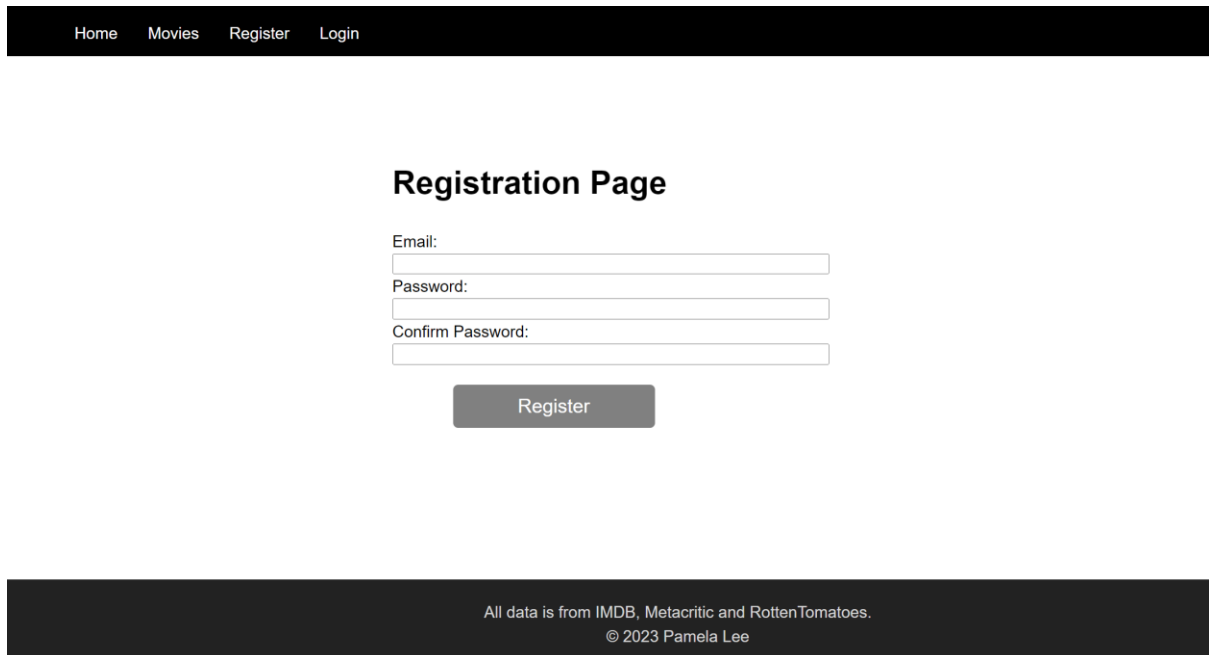
[Register Now!](#)

All data is from IMDB, Metacritic and RottenTomatoes.
© 2023 Pamela Lee

Figure 16. Login page

7. Registration Page

The registration page (Fig. 17) will allow the user to create a new account. Upon successful creation, the user will be required to log in before being able to access authenticated information.



The image shows a web application's registration page. At the top, there is a dark navigation bar with white text links: 'Home', 'Movies', 'Register', and 'Login'. The main content area has a white background. Centered at the top of this area is the title 'Registration Page' in bold black font. Below the title are three input fields, each preceded by a label: 'Email:', 'Password:', and 'Confirm Password:'. Each label is in a small, light gray font. The input fields are white with a thin gray border. Below the input fields is a dark gray button with the word 'Register' in white text. At the bottom of the page, there is a dark gray footer bar containing white text: 'All data is from IMDB, Metacritic and RottenTomatoes.' and '© 2023 Pamela Lee'.

Home Movies Register Login

Registration Page

Email:

Password:

Confirm Password:

Register

All data is from IMDB, Metacritic and RottenTomatoes.
© 2023 Pamela Lee

Figure 17. Registration page

Usability and Quality of Design

In this section, I will be critically assessing the quality of my own design work by highlighting the good and the bad aspects of my design.

I focused on designing the website for “lazy people” – prioritizing a straightforward design and getting to the point. It is easy to navigate, and I ensured that the user will be able to see the main points on each screen easily by placing them in the center or increasing the size of important points. The application is made to be consistent with user expectations from other apps – a navigation bar, a home page etc.

Navigation

I have designed the website with the user’s expectations in mind – a navigation bar at the top of the viewport. The navigation bar allows easy access to breadth and depth of the site. However, I believe that more could be done to inform the user of where they are within the site. This could be done by highlighting the user’s current location in the navigation bar (Fig. 18) and allow them to know where to locate the information if they wish to access it again.

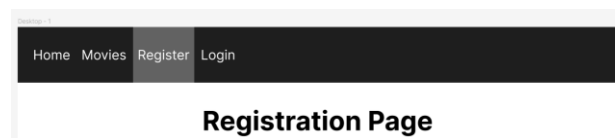


Figure 18. Registration page with “Register” highlighted in the Navigation bar

The current navigation bar should be easy to learn and is consistent throughout the site with no scrolling. If I were to do things differently, I would have put the register/login “Welcome user” and logout buttons on the right side of the screen, separate from the home page and movies. This could create a sort of separation between the user authentication process and movie search process (Fig. 19).

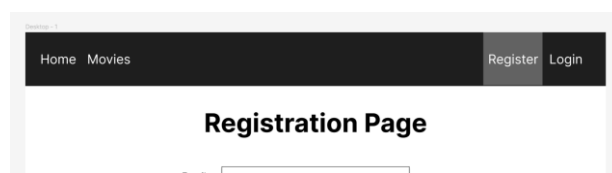


Figure 19. Navigation bar with a clear distinction between user authentication and movie search functionality

I believe visual design is consistent across screens. I made sure that the navigation bar and footer are consistent, as well as the typography and colour. I only used one font and keep to a set of monotone colours across buttons, backdrop, and navigation bar. Only the home page was slightly more varied in colour to entice the user and leave a good first impression but kept the clean look without being too distracting. However, I did feel like the minimal colour and fonts might have been a bit too boring. I could have added a bit more visual content and such as images or even nicer fonts to make it look better. I tried to keep the layout as standard as possible as well. However, I realized that zooming in and out of the page affects the layouts in certain ways, which could be a resulting of using `marginTop`, `marginLeft` etc. Keeping the layout as consistent as possible would have been a huge improvement to usability across different platforms and devices.

Accessibility

In this section I will analyse my site from the perspective of accessibility, relying on our lecture slides and video, and the checklist from the W3C.

- 1. Provide a text equivalent for every non-text element – alternatives to images, symbols, scripts, graphical buttons, sounds, audio, and video files and so on.**

Yes. The images on this website (i.e. Poster) have a text equivalent provided (Fig 20.).

```
<div style={{ marginLeft: '20px' }}>  
  <img src={movie.poster} alt="Poster" />  
</div>
```

Figure 20. Movie Poster with alternative text.

- 2. Ensure that all information conveyed with color is also available without color, for example from context or markup.**

My website is lacking in this feature. If a button changes color when it is hovered over, the same information should also be conveyed through other means such as a tooltip or text label. When I mouse over a poster, I should be able to see a label as well.

- 3. Organize documents so they may be read without style sheets. For example, when an HTML document is rendered without associated style sheets, it must still be possible to read the document.**

I did feel like I used too many div tags or relied too heavily on CSS for layout and made the content difficult to read or understand without the style sheets.

- 4. Ensure that text equivalents are updated when dynamic content changes.**

Yes, I believe that this has been achieved. Since my content is largely text, when the page changes in the table, the text changes along with it.

- 5. Avoid causing the screen to flicker.**

I did not see this happening while navigating from screen to screen.

- 6. Use the clearest and simplest language appropriate for a site's content.**

I believe that this point has been achieved as I aimed to keep the site minimalistic and avoided using too many texts or complex language.

- 7. For tables, identify row and column headers – clearly differentiated from the data.**

Yes, this has been done by filling the row and column header cells in a much darker colour.

Technical Description

Architecture

My application source code is organized like this (Fig. 22):

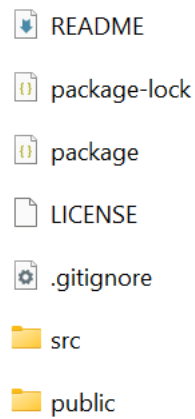


Figure 22. / Directory

/src

I only have App, and index files and folders (Fig. 22) The rest of the files have been stored in a folder under components and pages. Components refer to the Header, Footer files while Pages are Register, Login etc.

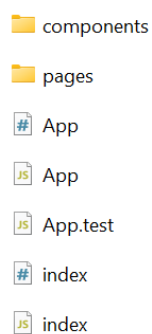


Figure 22. /src Directory

/src/components

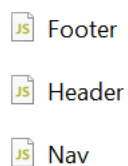


Figure 22. /src/components Directory

/src/pages

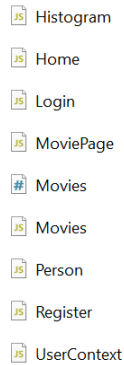


Figure 23. /src/pages Directory

Test plan

Task	Expected Outcome	Result	Screenshots Appendix A Figure No.
Search For Movies	Results displayed in table	PASS	1
Filter Movies by Year	Results displayed in table	PASS	2
Load Next Set of Movies	Results displayed in table	PASS	3
Selecting a movie to view details	Leads user to Movie Details Page	PASS	4
Viewing principal details when not authenticated	Leads to Login/Register Prompt Page	PASS	5
Login: Incorrect Password/Email	Prompts user with alert; does not authenticate user.	PASS	6
Login: Correct Password/Email	Alerts user and redirects them to homepage.	PASS	7
Viewing principal details when authenticated	Displays principal's details.	PASS	8
Register: Creating an already existing account	Alerts user and redirects them to the login page.	PASS	9
Register: Creating a new account	Alerts user and redirects them to the login page.	PASS	10

Difficulties / Exclusions / unresolved & persistent errors

Topics to include here could be:

- What were your major roadblocks / how did you resolve them?
- Any functionality you didn't or couldn't finish and the technical issues encountered
- Are there any outstanding bugs?

In the process of developing the movie search application, I faced a few roadblocks, which I managed to resolve through research and collaboration. One major roadblock I faced was with the integration of the authentication and authorization features using JWT tokens. It took me some time to understand the flow of information between the frontend and backend, but with the help of documentation and online forums and using console.log, I was able to successfully implement this feature. I also had a lot of problems with the refresh token, but eventually managed to fix it by testing it with shorter refresh times and using console.log to verify its implementation and eventually implemented it successfully.

While I was able to implement most of the desired functionalities, there were a few that I couldn't complete due to technical issues. For instance, I could not implement infinite scrolling in ag-grid-react. In addition, there seems to be some errors in my chart (Fig. 24), although it displays nicely on the website. I ignored this error as the chart seems to be displaying fine. The code for the chart can be found under “/pages/Histogram.js”

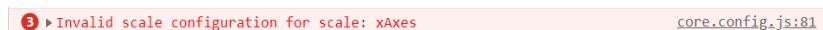


Figure 24. Chart error

Another bug that I have had is that the search function / filter function no longer works the moment the user uses the “Load More” button on the bottom right of the screen (Fig. 25).

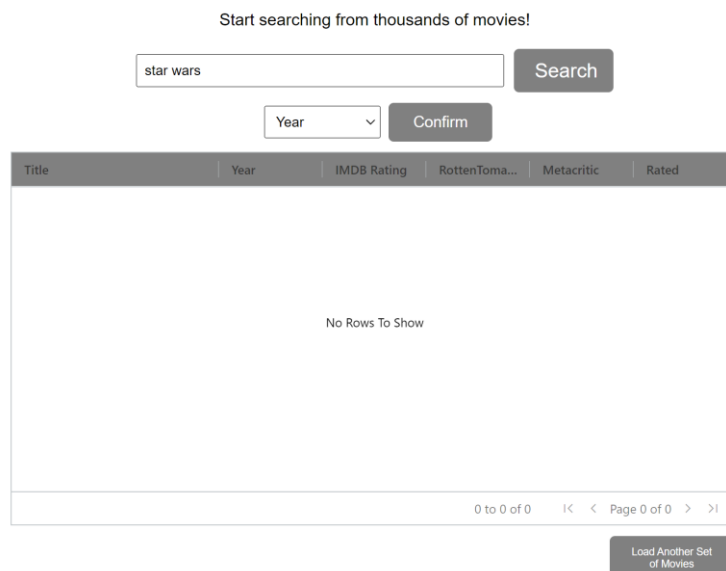


Figure 25. Load Another Set Error

There are no more other outstanding bugs in the website application.

Extensions (Optional)

There are several potential future extensions and improvements that could be made to my movie search app. Here are a few ideas:

1. **User Reviews:** Allow users to leave their own ratings and reviews for movies, in addition to displaying the existing ratings and reviews from external sources.
2. **Watchlist:** Implement a feature that allows users to add movies to a watchlist, which they can refer to later. This could be useful for users who come across interesting movies but do not have the time to watch them immediately.
3. **Recommendations:** Utilize machine learning algorithms to generate personalized movie recommendations based on a user's viewing history, ratings, and watchlist.
4. **Social Sharing:** Allow users to share their favorite movies or movie recommendations on social media platforms like Twitter, Facebook, and Instagram.
5. **Advanced Search:** Implement an advanced search feature that allows users to filter movies by genre, year of release, language, and more.
6. **Localization:** Add support for multiple languages, allowing users to search for movies and view content in their preferred language.

These are just a few potential extensions and improvements that could be made to my movie search app. With continued development and enhancements, the app could become a more comprehensive and personalized movie-watching experience for users.

User guide

Here is a guide on how to use my application. It is simple – the landing page will be the home page (Fig. 26), where you can simply click on the “Start Searching” button to get started.

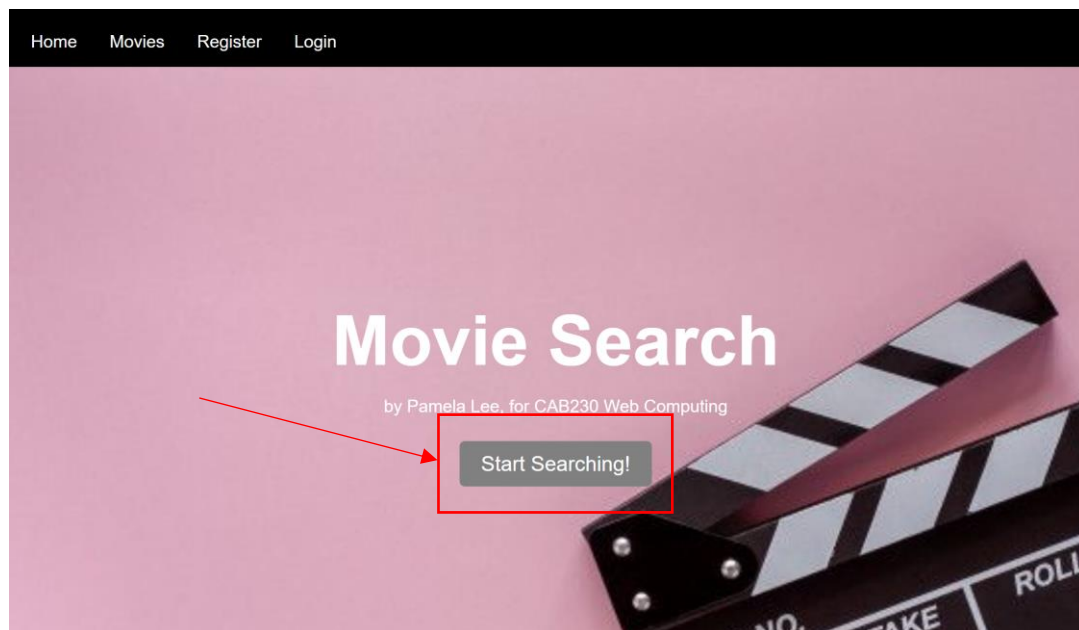


Figure 26. Landing Page

Look through the table below, or just search for your favourite movie using the search bar! Click on the movie to select it.

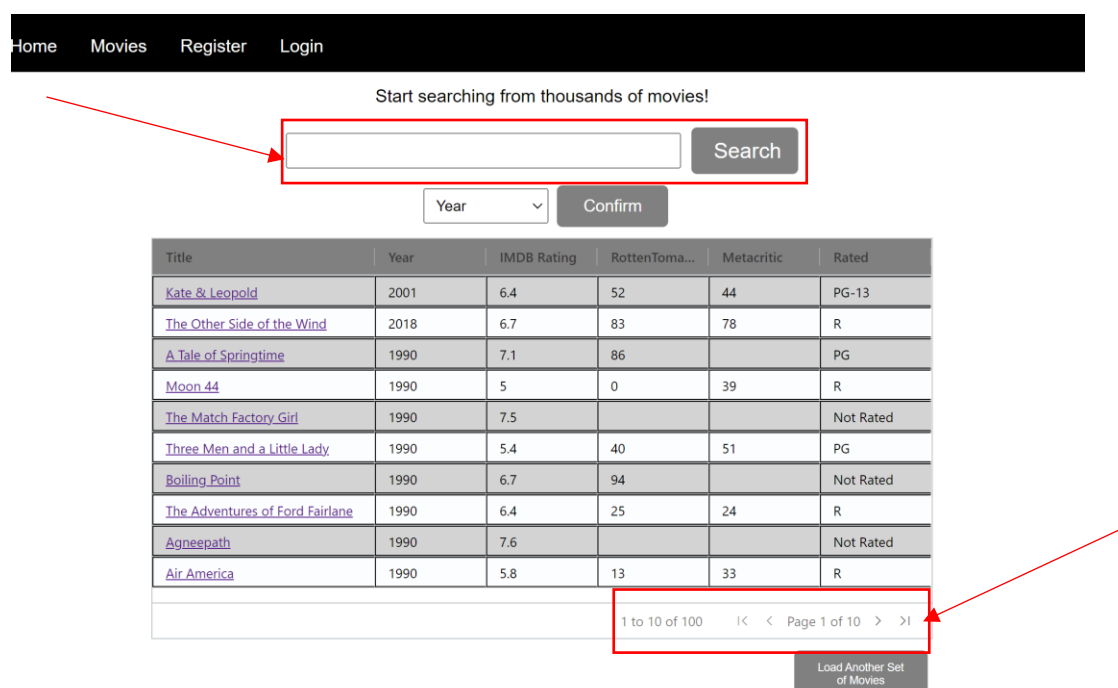


Figure 27. Movie Search

Browse through the movie details! Click on the principal to view more details about them.

[Home](#) [Movies](#) [Register](#) [Login](#)

Menace

Release Year: 1999

Runtime: 136 minutes


Genre(s): Action, Adventure, Fantasy

Country: United States

Box Office: \$474544677

Synopsis: Two Jedi escape a hostile blockade to find allies and come across a young boy who may bring balance to the Force, but the long dormant Sith resurface to claim their original glory.

Role	Name	Characters
editor	Paul Martin Smith	
actor	Ewan McGregor	Obi-Wan Kenobi
actor	Liam Neeson	Qui-Gon Jinn
actress	Natalie Portman	Queen Amidala, Padmé
actor	Jake Lloyd	Anakin Skywalker



Reviews

Internet Movie Database: 6.5

Rotten Tomatoes: 51

Metacritic: 51

Figure 28. Movie Details

Don't have an account? Create one:

[Home](#) [Movies](#) [Register](#) [Login](#)

You are not able to view this information as you are not logged in.

Login Here

Don't have an account?

Register Here

Figure 29. Register

Upon successful account creation, log in!

[Home](#) [Movies](#) [Register](#) [Login](#)

Login Page

Email:

Password:

Login

Don't have an account yet?
[Register Now!](#)

Figure 30. Login

Following the steps from Fig 26, 27 and 28, you will be able to view principal details now! Click on any of his movies to look at the movie details.

[Home](#) [Movies](#) [Welcome, pamela26june@yahoo.com.sg](#) [Logout](#)

Ewan McGregor

1971 -

Role	Movie	Rating
actor	Shallow Grave	7.3
actor	The Pillow Book	6.5
actor	Brassed Off	7.2
actor	Trainspotting	8.1
actor	A Life Less Ordinary	6.3
actor	Nightwatch	6.2
actor	Eye of the Beholder	5
actor	Velvet Goldmine	6.9
actor	Star Wars: Episode I - Th...	6.5
actor	Star Wars: Episode II - At...	6.6

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IMDb Ratings Chart

IMDb Ratings

Figure 31. Principal Details

Click on the logout button anytime to log out of your account.



Ewan McGregor

1971 -

Role	Movie	Rating
actor	Shallow Grave	7.3
actor	The Pillow Book	6.5
actor	Brassed Off	7.2
actor	Trainspotting	8.1
actor	A Life Less Ordinary	6.3
actor	Nightwatch	6.2
actor	Eye of the Beholder	5
actor	Velvet Goldmine	6.9
actor	Star Wars: Episode I - Th...	6.5
actor	Star Wars: Episode II. At...	6.6

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IMDb Ratings Chart

IMDb Ratings

Figure 32. Logout

References

1. AG Grid. (n.d.). React Grid: The Enterprise Datagrid for React. Retrieved May 11, 2023, from <https://www.ag-grid.com/react-grid/>
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4. React Training. (n.d.). React Router: Declarative Routing for React.js. Retrieved May 11, 2023, from <https://reactrouter.com/en/main/start/overview>
5. React-Chartjs-2. (n.d.). React Wrapper for Chart.js 2 Open-Source Library. Retrieved May 11, 2023, from <https://react-chartjs-2.js.org/>

Appendix A

Figure No.																																																																			
1	<div>Start searching from thousands of movies!</div> <div><div>star wars</div><div>Search</div></div> <div><div>Year</div><div>Confirm</div></div> <table><thead><tr><th>Title</th><th>Year</th><th>IMDB Rating</th><th>RottenToma...</th><th>Metacritic</th><th>Rated</th></tr></thead><tbody><tr><td>Star Wars: Episode I - The Phan...</td><td>1999</td><td>6.5</td><td>51</td><td>51</td><td>PG</td></tr><tr><td>Star Wars: Episode II - Attack of...</td><td>2002</td><td>6.6</td><td>65</td><td>54</td><td>PG</td></tr><tr><td>Star Wars: Episode III - Revenge...</td><td>2005</td><td>7.6</td><td>79</td><td>68</td><td>PG-13</td></tr><tr><td>Star Wars: The Clone Wars</td><td>2008</td><td>5.9</td><td>18</td><td>35</td><td>PG</td></tr><tr><td>Star Wars: Episode VII - The For...</td><td>2015</td><td>7.8</td><td>93</td><td>80</td><td>PG-13</td></tr><tr><td>Star Wars: Episode VIII - The La...</td><td>2017</td><td>6.9</td><td>91</td><td>84</td><td>PG-13</td></tr><tr><td>Star Wars: Episode IX - The Rise...</td><td>2019</td><td>6.5</td><td>52</td><td>53</td><td>PG-13</td></tr><tr><td>Rogue One: A Star Wars Story</td><td>2016</td><td>7.8</td><td>84</td><td>65</td><td>PG-13</td></tr><tr><td>Solo: A Star Wars Story</td><td>2018</td><td>6.9</td><td>69</td><td>62</td><td>PG-13</td></tr></tbody></table> <div>1 to 9 of 9 < < Page 1 of 1 > ></div>	Title	Year	IMDB Rating	RottenToma...	Metacritic	Rated	Star Wars: Episode I - The Phan...	1999	6.5	51	51	PG	Star Wars: Episode II - Attack of...	2002	6.6	65	54	PG	Star Wars: Episode III - Revenge...	2005	7.6	79	68	PG-13	Star Wars: The Clone Wars	2008	5.9	18	35	PG	Star Wars: Episode VII - The For...	2015	7.8	93	80	PG-13	Star Wars: Episode VIII - The La...	2017	6.9	91	84	PG-13	Star Wars: Episode IX - The Rise...	2019	6.5	52	53	PG-13	Rogue One: A Star Wars Story	2016	7.8	84	65	PG-13	Solo: A Star Wars Story	2018	6.9	69	62	PG-13						
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4

Home

Movies

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Star Wars: Episode I - The Phantom Menace

Release Year: 1999

Runtime: 136 minutes

Genre(s): Action, Adventure, Fantasy

Country: United States

Box Office: \$474544677

Synopsis:

Two Jedi escape a hostile blockade to find allies and come across a young boy who may bring balance to the Force, but the long dormant Sith resurface to claim their original glory.

Role

Name

Characters

editor

[Paul Martin Smith](#)

Reviews

5

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Password:

Login

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8	<div><div>HomeMoviesWelcome, pamelajune@yahoo.com.sgLogout</div><div><h2>Ewan McGregor</h2><p>1971 -</p><table><thead><tr><th>Role</th><th>Movie</th><th>Rating</th></tr></thead><tbody><tr><td>actor</td><td>Shallow Grave</td><td>7.3</td></tr><tr><td>actor</td><td>The Pillow Book</td><td>6.5</td></tr><tr><td>actor</td><td>Brassed Off</td><td>7.2</td></tr><tr><td>actor</td><td>Trainspotting</td><td>8.1</td></tr><tr><td>actor</td><td>A Life Less Ordinary</td><td>6.3</td></tr><tr><td>actor</td><td>Nightwatch</td><td>6.2</td></tr><tr><td>actor</td><td>Eye of the Beholder</td><td>5</td></tr><tr><td>actor</td><td>Velvet Goldmine</td><td>6.9</td></tr><tr><td>actor</td><td>Star Wars: Episode I - Th...</td><td>6.5</td></tr><tr><td>actor</td><td>Star Wars: Episode II - At...</td><td>6.6</td></tr></tbody></table><p>1 to 48 of 48Page 1 of 1</p><h3>IMDb Ratings Chart</h3><table><caption>IMDb Ratings Data</caption><thead><tr><th>Rating</th><th>Count</th></tr></thead><tbody><tr><td>6.1</td><td>0</td></tr><tr><td>6.2</td><td>0</td></tr><tr><td>6.3</td><td>0</td></tr><tr><td>6.4</td><td>0</td></tr><tr><td>6.5</td><td>0</td></tr><tr><td>6.6</td><td>7</td></tr><tr><td>6.7</td><td>24</td></tr><tr><td>6.8</td><td>15</td></tr><tr><td>6.9</td><td>2</td></tr><tr><td>6.10</td><td>0</td></tr></tbody></table></div></div>	Role	Movie	Rating	actor	Shallow Grave	7.3	actor	The Pillow Book	6.5	actor	Brassed Off	7.2	actor	Trainspotting	8.1	actor	A Life Less Ordinary	6.3	actor	Nightwatch	6.2	actor	Eye of the Beholder	5	actor	Velvet Goldmine	6.9	actor	Star Wars: Episode I - Th...	6.5	actor	Star Wars: Episode II - At...	6.6	Rating	Count	6.1	0	6.2	0	6.3	0	6.4	0	6.5	0	6.6	7	6.7	24	6.8	15	6.9	2	6.10	0
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10

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localhost:3000 says
Registration successful! Please login with your new account!

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Registration Page

Email:

n11518081@qut.edu.au

Password:

Confirm Password:

Register