

Project Name: Netflix Website Clone

Project Objective:

The objective of this project is to create a replica of the Netflix website using HTML, CSS, and JavaScript. The website should have similar functionality and design as the original Netflix website, including features such as user login, movie and TV show browsing, and streaming functionality.

Technical Specifications:

The Netflix website clone will be developed using the following technologies:

1. HTML: To create the structure and layout of the website
2. CSS: To style the website and make it visually appealing
3. JavaScript: To add interactivity to the website and make it dynamic
4. React: To create components and manage the state of the website
5. Node.js: To create a backend server to handle requests and store user data

6. MongoDB: To store user data and movie/TV show information

Pages:

The Netflix website clone will consist of the following pages:

1. Home Page: This page will display a selection of featured movies and TV shows, as well as options to browse by genre and search for specific titles.
2. Login/Register Page: This page will allow users to create an account or login to an existing account.
3. Movie/TV Show Detail Page: This page will display detailed information about a specific movie or TV show, including a trailer, synopsis, and cast information.
4. Browse Page: This page will allow users to browse movies and TV shows by genre.
5. My List Page: This page will display the movies and TV shows that the user has added to their list.
6. Player Page: This page will allow users to stream movies and TV shows.

Functionality:

The Netflix website clone will have the following functionality:

1. User Registration: Users will be able to create an account on the website.
2. User Login: Users will be able to log in to their account using their email and password.
3. Movie/TV Show Browsing: Users will be able to browse movies and TV shows by genre and search for specific titles.
4. Movie/TV Show Detail Page: Users will be able to view detailed information about a specific movie or TV show, including a trailer, synopsis, and cast information.
5. My List: Users will be able to add movies and TV shows to their personal list.
6. Streaming: Users will be able to stream movies and TV shows on the website.
7. User Profile: Users will be able to view and edit their profile information.
8. Payment: Users will be able to enter their payment information to subscribe to the streaming service.
9. Admin Panel: Admins will be able to manage movies, TV shows, and user

data.

Testing:

The Netflix website clone will be tested thoroughly to ensure that it meets the following criteria:

1. User Interface: The website should be visually appealing and easy to use.
2. Functionality: The website should be fully functional and should perform all the tasks as expected.
3. Performance: The website should be fast and responsive, with quick load times.
4. Security: The website should be secure, with proper encryption and user authentication.
5. Compatibility: The website should be compatible with all major browsers and devices.

Conclusion:

In conclusion, the Netflix website clone project aims to create a replica of the original Netflix website using HTML, CSS, and JavaScript. The website will have

similar functionality and design as the original website, including features such as user login, movie and TV show browsing, and streaming functionality. The project will be developed using React, Node.js, and MongoDB and will be thoroughly tested to ensure its usability and security