QUARANTINOFlix PROJECT

Overview

QuarantinoFlix is a movie viewer application (similar to IMBD) I built it using React on the front-end, and NodeJS with an express server in the backend (MERN stack). The app provides users with access to information about movies, directors, and genres. Users are able to create an account, update their personal data, and create a list of favorite movies.

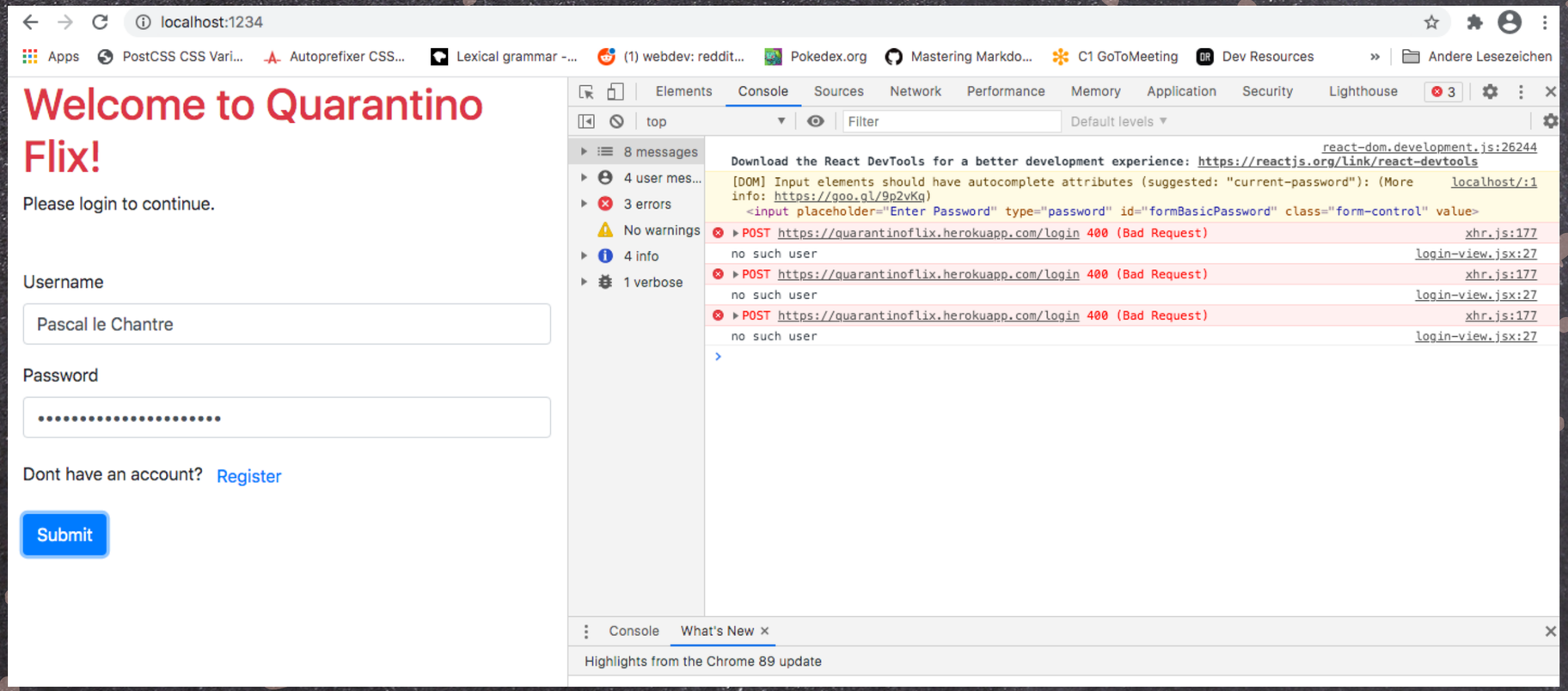
Purpose & Context

QuarantinoFlix was a personal project that I worked on during my web development course at CareerFoundry to build up my skills in full-stack JavaScript development.

Objective

The aim of the project was to have an ambitious full-stack project to add to my professional portfolio website. The challenge of it was to build the complete server-side and client-side for the application from scratch.

Approach


localhost:1234
Apps
PostCSS CSS Vari...
Autoprefixer CSS...
Lexical grammar -...
(1) webdev: reddit...
Pokedex.org
Mastering Markdo...
C1 GoToMeeting
Dev Resources
Andere Lesezeichen
Welcome to Quarantino Flix!
Please login to continue.
Username
Pascal le Chantre
Password
Dont have an account? Register
Submit
Elements
Console
Sources
Network
Performance
Memory
Application
Security
Lighthouse
top
Filter
Default levels
8 messages
4 user mes...
3 errors
No warnings
4 info
1 verbose
react-dom.development.js:26244
Download the React DevTools for a better development experience: https://reactjs.org/link/react-devtools
[DOM] Input elements should have autocomplete attributes (suggested: "current-password"): (More info: https://goo.gl/9p2vKq)
localhost/:1
<input placeholder="Enter Password" type="password" id="formBasicPassword" class="form-control" value>
POST https://quarantinoflix.herokuapp.com/login 400 (Bad Request)
xhr.js:177
no such user
login-view.jsx:27
POST https://quarantinoflix.herokuapp.com/login 400 (Bad Request)
xhr.js:177
no such user
login-view.jsx:27
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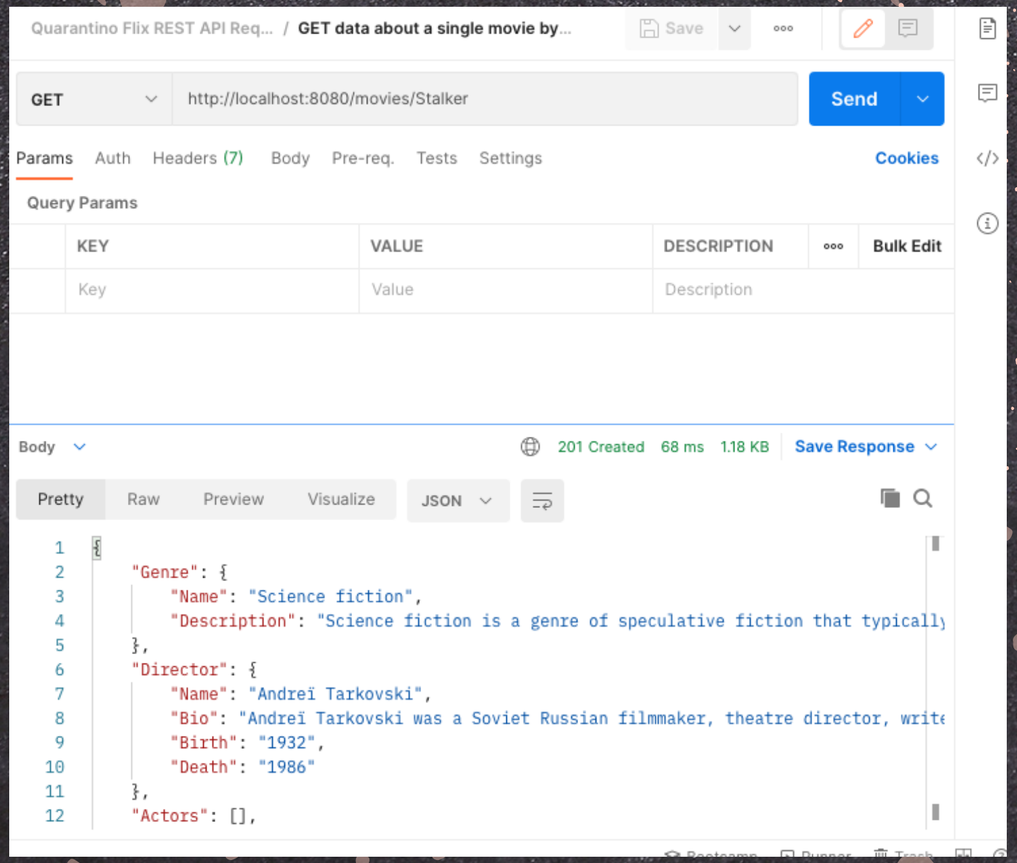
xhr.js:177
no such user
login-view.jsx:27
Console
What's New
Highlights from the Chrome 89 update

Server-Side

I created a RESTful API using Node.js and Express, that interacts with a non-relational database (MongoDB). The API can be accessed via commonly used HTTP methods like GET or POST. To retrieve data from and store data in the database, CRUD methods are used. The API provides movie information in JSON format.

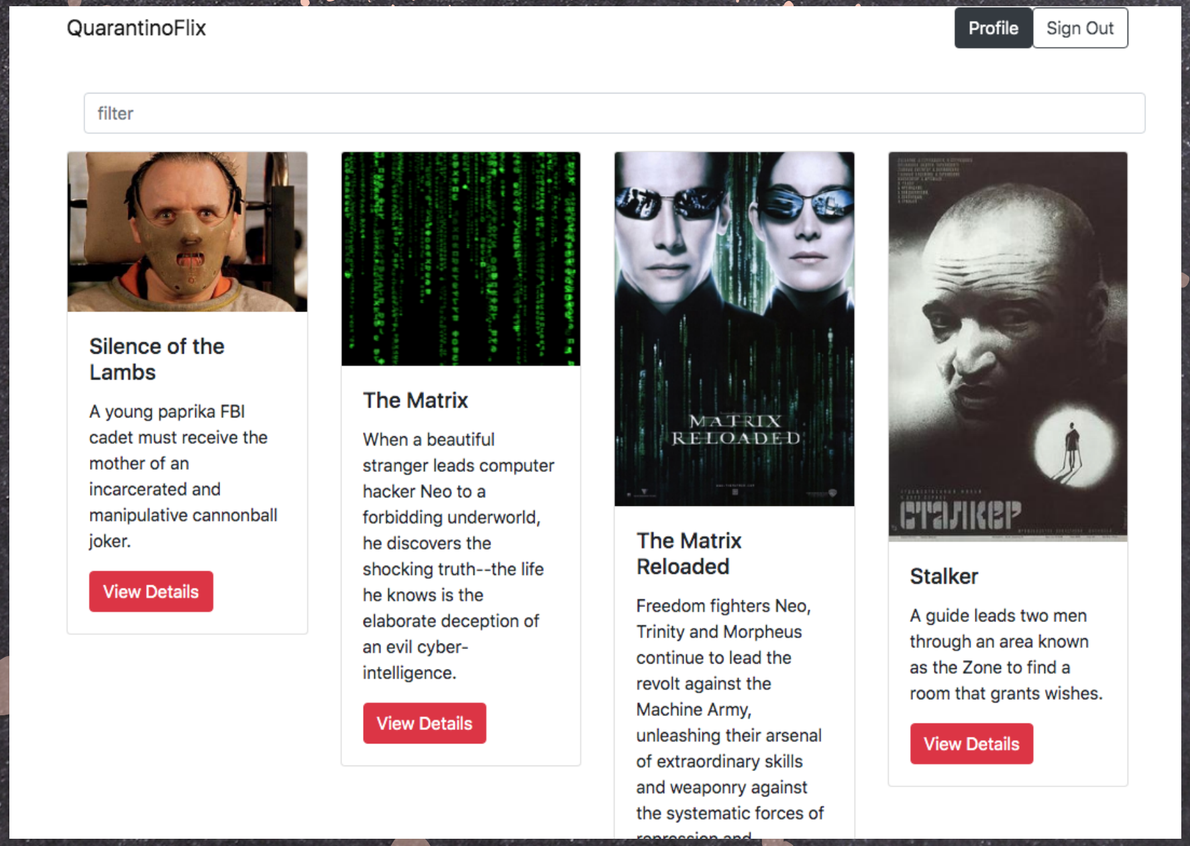
To test the API, I used Postman. I also included user authentication and authorization code in the form of basic HTTP authentication and JWT authentication.



Client-Side

After completing the API, I started to build the interface users would need when making requests to, and receiving responses from, the server-side. It is a single-page, responsive application, developed with React and React-Redux.

It provides several interface views, including a main view (list of all movies), single movie view, a login view, a registration view and a profile view (where users can update their user data and list of favorites).



Challenges

This has been a very instructive but also fun project. I was challenged in my understanding how such entertaining app is wired in the backstage, and surprisingly discovered how I enjoyed even better the back-end development when I had to build to API and work with the databases structures. Using the terminal became quickly familiar too. While on the client-side development part, it took me a little longer to familiarize with React and Redux and to be able to get out of it the designs I wanted in the font end. With the help of both my tutor and mentor I was able to find the logic on that side too and achieve a proper and neat interface for my app.

Duration

The development of the full application was divided in two achievements, first the the server side and second the client side. The development of the front-end with React(and React Redux) took me longer than the first part to complete as I experienced it as a bit more complex to wrap my head around. The project altogether has been achieved in approximately one month and a half.

Credits

Role: Lead Developer

Tutor: Ali El Zoheiry

Mentor: Renish Bhaskaran

THANK YOU