An abstract background on the left side of the slide, featuring a series of parallel lines that create a 3D perspective effect. The lines are colored in a gradient from yellow and orange on the left to green, blue, and purple towards the right. The lines are of varying lengths and are set against a black background.

# Case Study for myFlix Full Stack Project

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Lead Developer: Olivia Jennings

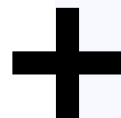
Tutor: Shrey Kumar

Mentor: Neal Peters

A small black square located at the bottom right of the slide, near the text "Mentor: Neal Peters".

# Overview

- myFlix is a web application, developed using the MERN stack, that provides users with information about movies, directors, and genres. Users can create an account, update their personal data, and add or delete movies from their favorites.
- **Technologies:** MERN(MongoDB, Express, React, and Node.js)
- [Visit Site](#)



## Clue

Six guests are anonymously invited to a strange mansion for dinner, but after their host is killed, they must cooperate with the staff to identify the murderer as the bodies pile up.

Details

Add to Favorites



## Silence of the Lambs

A young FBI cadet must receive the help of an incarcerated and manipulative cannibal killer.

Details

Add to Favorites

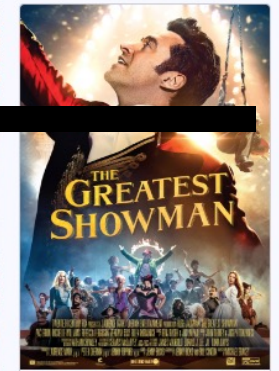


## The Avengers

Earth's mightiest heroes must come together and learn to fight as a team if they are going to stop the mischievous Loki and his alien army from enslaving humanity.

Details

Add to Favorites



## The Greatest Showman

Celebrates the birth of show business and tells of a visionary who rose from nothing to create a spectacle that became a worldwide sensation.

Details

Add to Favorites

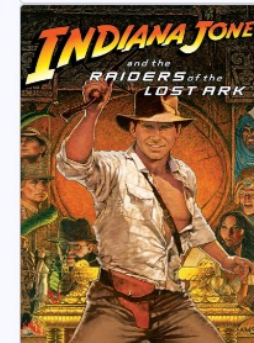


## Jurassic Park

A pragmatic paleontologist touring an almost complete theme park on an island in Central America is tasked with protecting a couple of kids after a power failure causes the park's cloned dinosaurs to run loose.

Details

Add to Favorites



## Raiders of the Lost Ark

In 1936, archaeologist and adventurer Indiana Jones is hired by the U.S. government to find the Ark of the Covenant before the Nazis can obtain its awesome powers.

Details

Add to Favorites



## Murder on the Orient Express

When a murder occurs on the train on which he's travelling, celebrated detective Hercule Poirot is recruited to solve the case.

Details

Add to Favorites



## Die Hard

A New York City police officer tries to save his estranged wife and several others taken hostage by terrorists during a Christmas party at the Nakatomi Plaza in Los Angeles.

Details

Add to Favorites

# Purpose and Objective

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- This project was created as a part of my web development course at Career Foundry to demonstrate my mastery at of full stack JavaScript development.
- The objective of this project was to build a complete server side and client side web application to add to my professional portfolio.

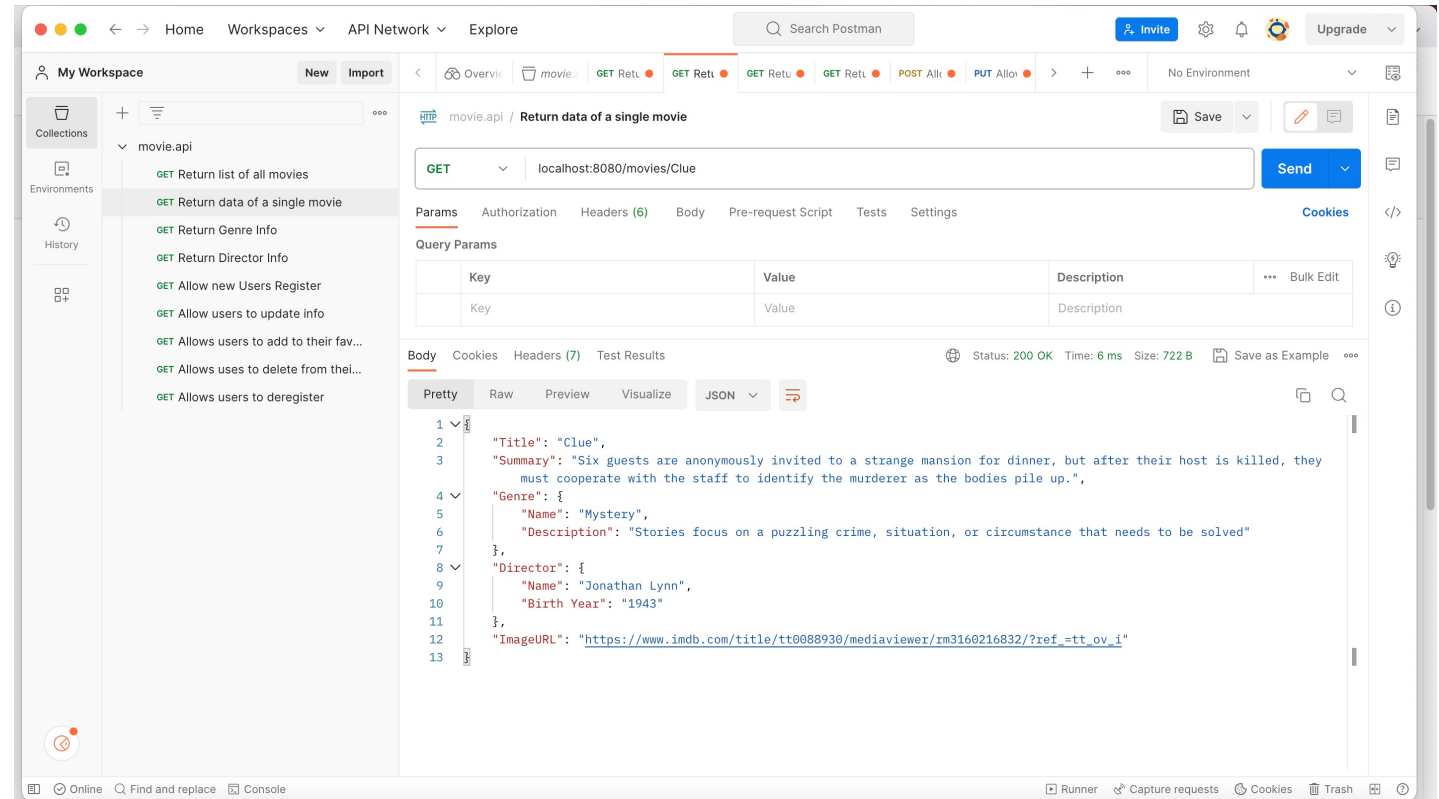
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <title>JSDoc: Home</title>
6
7   <script src="scripts/prettify/prettify.js"> </script>
8   <script src="scripts/prettify/lang-css.js"> </script>
9   <!--[if lt IE 9]>
10    <script src="//html5shiv.googlecode.com/svn/trunk/html5.js"></script>
11  <![endif]-->
12  <link type="text/css" rel="stylesheet" href="styles/prettify-tomorrow.css">
13  <link type="text/css" rel="stylesheet" href="styles/jsdoc-default.css">
```





# Server-Side

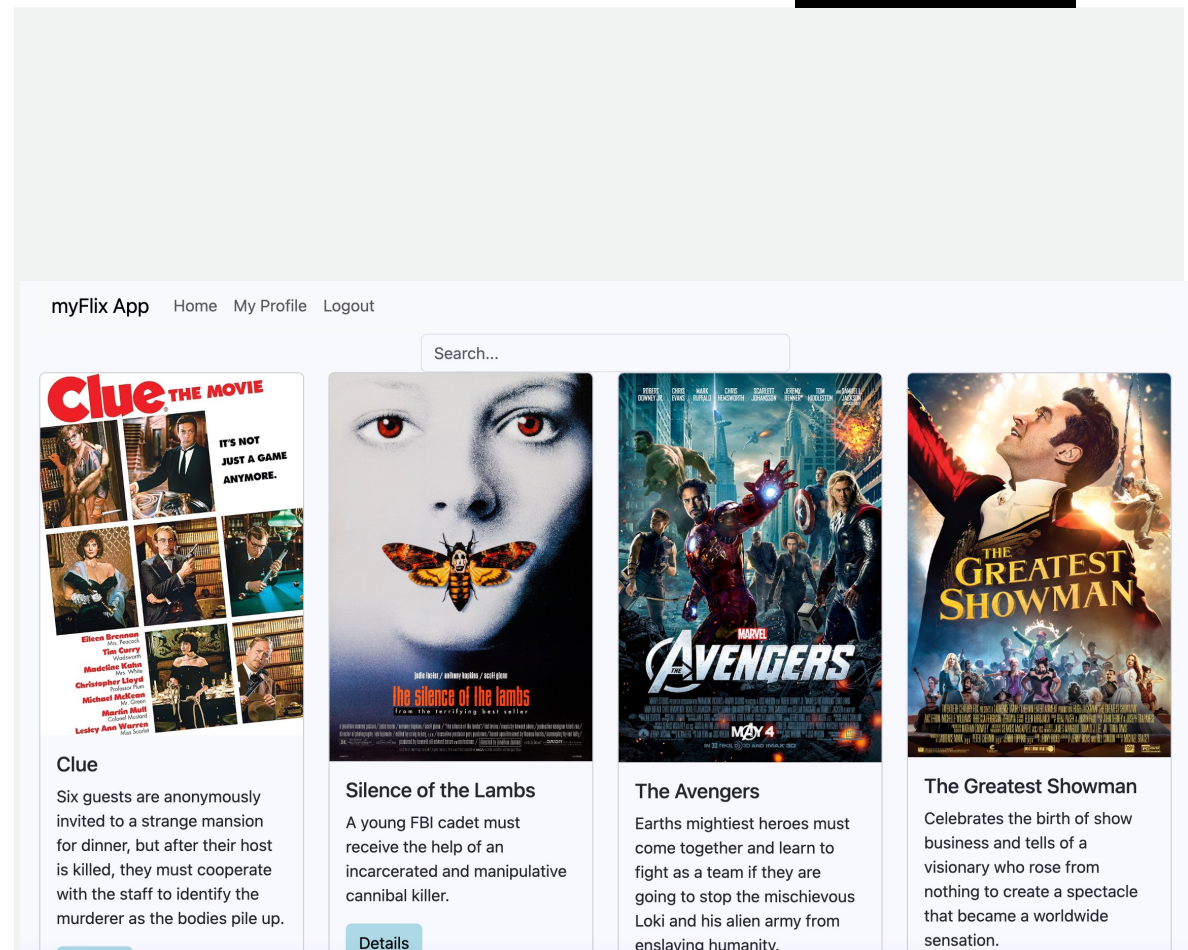
I created a REST API using **Node.js** and **Express** that interacts with a non-relational database, **MongoDB**. The API can be accessed via commonly used HTTP methods, like GET and POST. To retrieve data from and store data in the database, **CRUD** methods are used. The API provides movie information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



To test the API I used Postman.

# Client-Side

- After completing the API, I built the interface users would need to interact with the server-side. It is a single page, responsive application, developed with **React** and **React-Redux**.
- It provides several interface views including:
  - Main View, showing a list of all movies.
  - Details View, showing data about single movie
  - Login View
  - Registration view
  - Profile view, where users can update their data and their list of favorite movies.



Main View



# Page Views

myFlix App

Login

Signup

Username:

Password:

Submit

## Login View

myFlix App

Username:

Password:

Email:

Birthday:

mm/dd/yyyy

Submit

## Registration View

## My Profile

Username:

Leo12

Password:

Email:

leo12@gmail.com


Birthday:

11/11/2011

Update Information

Delete Account

Favorite Movies:



**Clue** THE MOVIE

IT'S NOT JUST A GAME ANYMORE.

Profile View



**Eileen Brennan**  
Mrs. Peacock

**Tim Curry**  
Wadsworth

**Madeline Kahn**  
Mrs. White

**Christopher Lloyd**  
Professor Plum

**Michael McKean**  
Mr. Green

**Martin Mull**  
Colonel Mustard

**Lesley Ann Warren**  
Miss Scarlett

Title: Clue

Description: Six guests are anonymously invited to a strange mansion for dinner, but after their host is killed, they must cooperate with the staff to identify the murderer as the bodies pile up.

Genre: Mystery

Genre Description: Stories focus on a puzzling crime, situation, or circumstance that needs to be solved.

Director: Jonathan Lynn

Director Bio: Jonathan Lynn is an English stage and film director, producer, writer, and actor.

Back

Details View

# Final Thoughts

## Challenges

- The main challenge for me was the fact that this was the one of the biggest project I had to create. There were multiple pages that had to work together seamlessly, while getting the correct information from the API.

Overall, I am very proud of this project. I used the skills I had learned in previous achievements, while building on those skills to create something new. It was a long project, but I am excited to add to it in the future and make it even better with new skills and ideas that I will learn.

