

MovieFlix

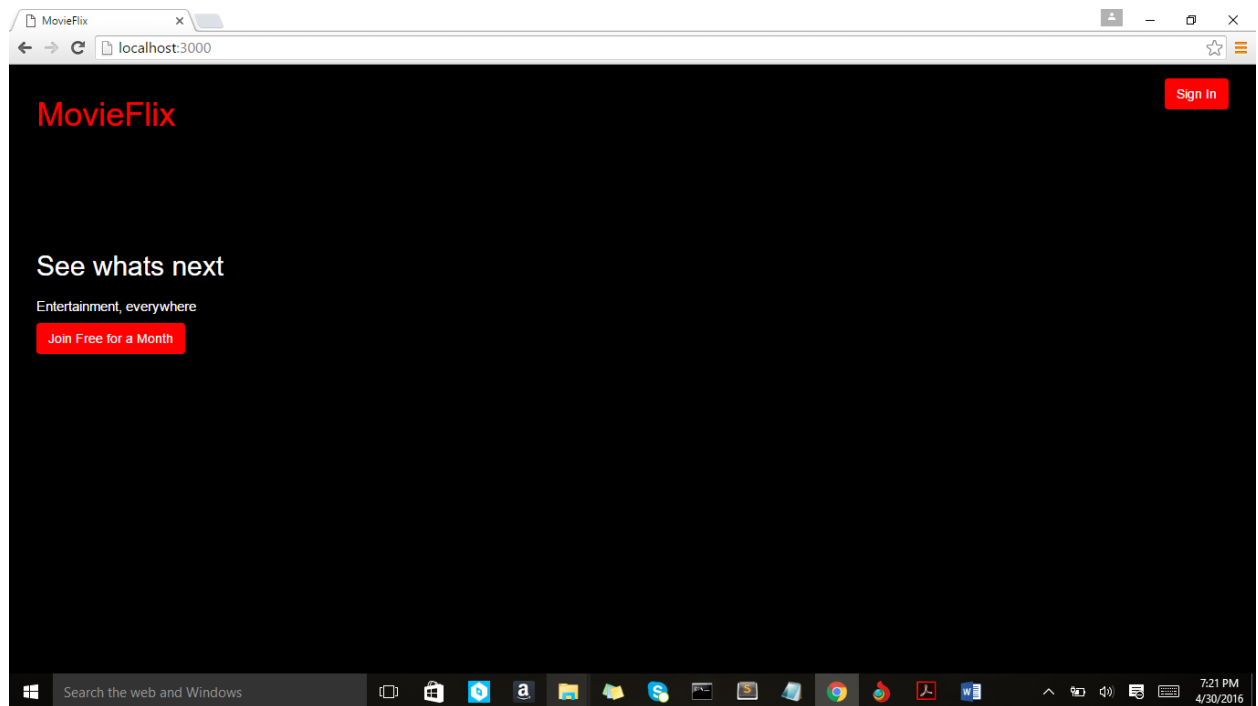
Description:

This web based application can be used to surf Hollywood movies. It is based on the idea of NetFlix website. This application has a feature of user sign up. That means a user's credentials will be saved in the data base and will be validated at the time of logging in. The user can sign up for a free trial of one month after that he will be charged for his account (this is a future enhancement of the project). After logging in with correct username and password a user will be able to see the home page of the application where he can browse the movie content. As of now the application only shows the poster of the movie with the name of the movie and if a user clicks the poster it will redirect it to the full size poster of the movie (future enhancement - after clicking on the poster the link will be able to play the movie).

Working Model:

The application will work in this way:

1. <http://localhost:3000/> :



2. <http://localhost:3000/signup/> :

localhost:3000/signup/

Sign up

First name
prashant4

Last name
patil

Username
ppatil4

Email ID
ppatil11@hawk.iit.edu

Password

Submit

Search the web and Windows

7:22 PM
4/30/2016

3. Sign in: If the Username and Password field is kept empty it will give an alert:

localhost:3000/login/

User Name

Password

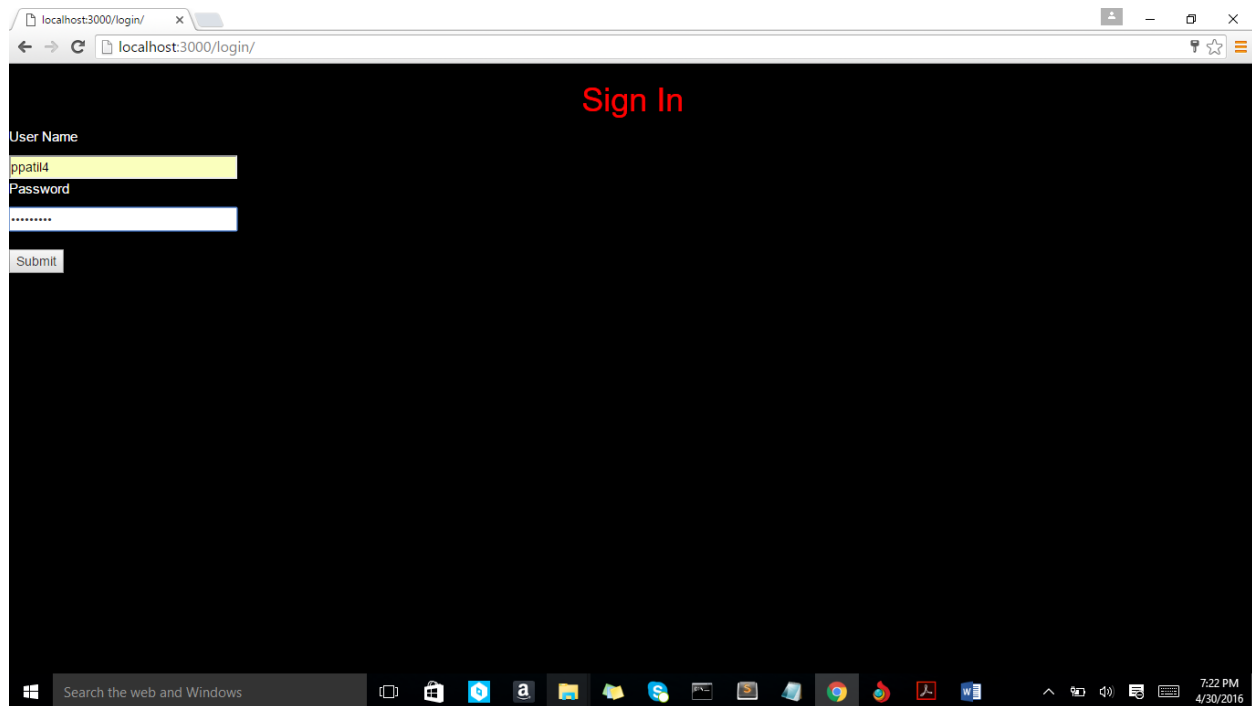
Submit

localhost:3000 says:
Please enter a value
OK

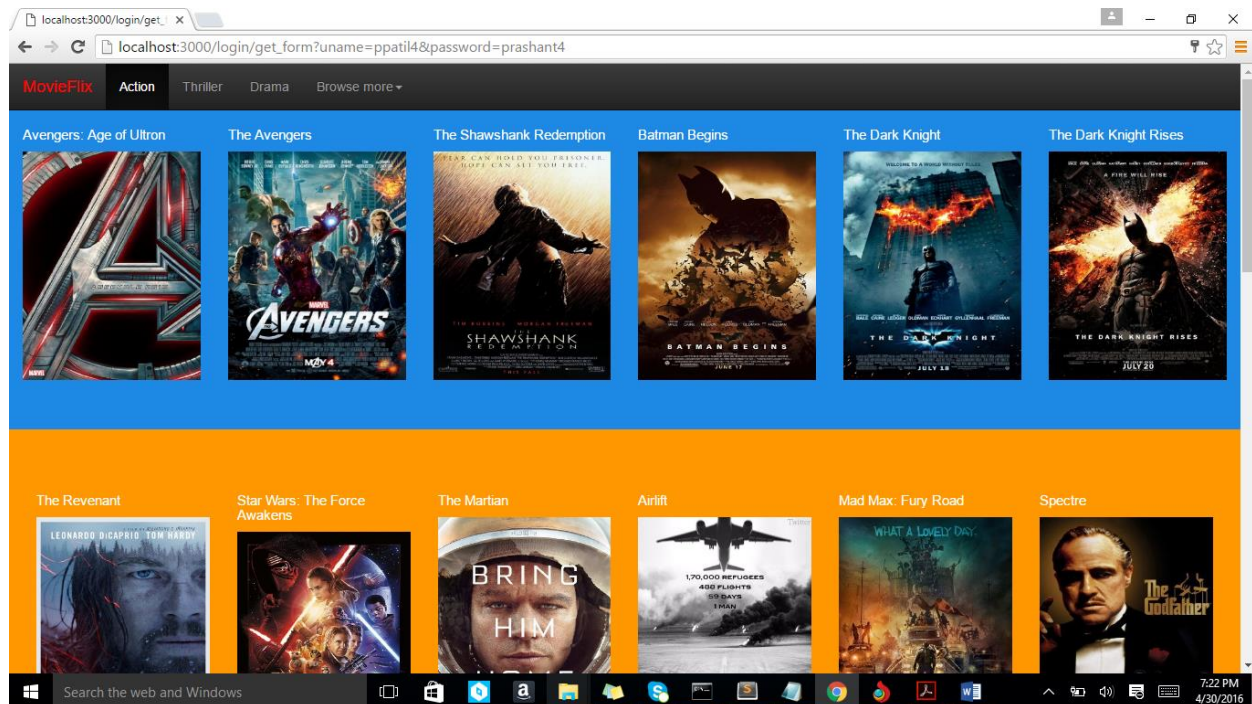
Search the web and Windows

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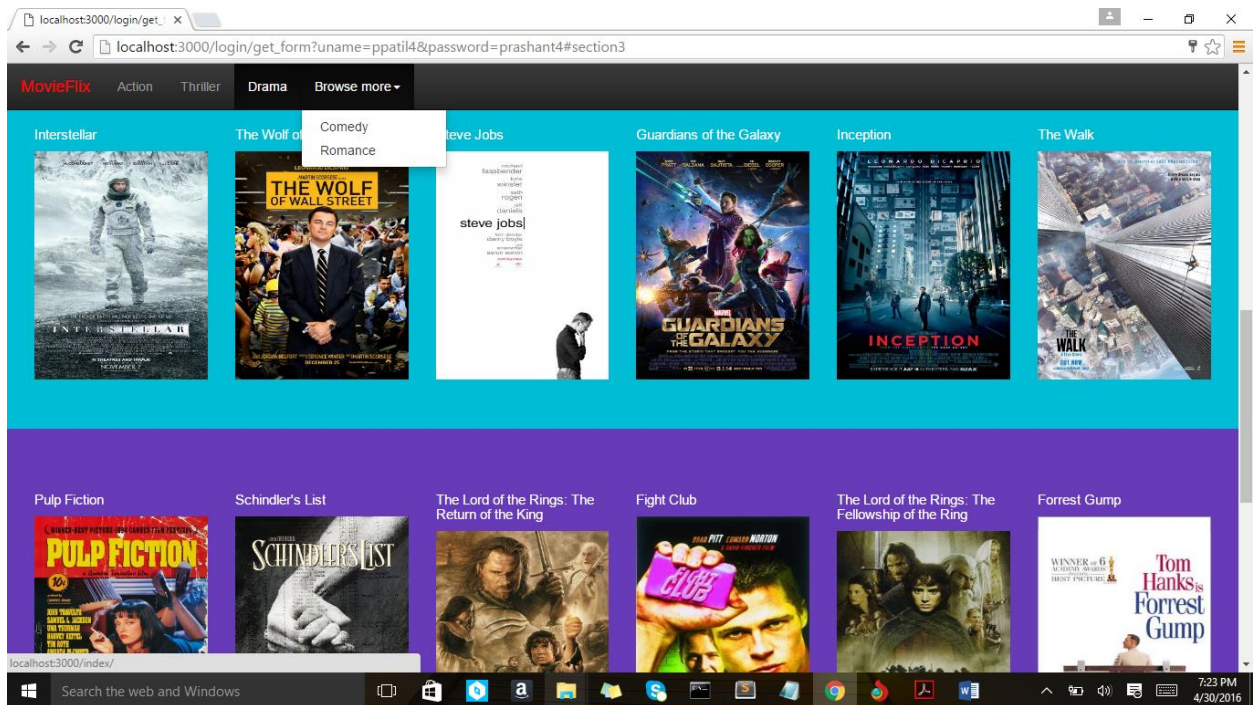
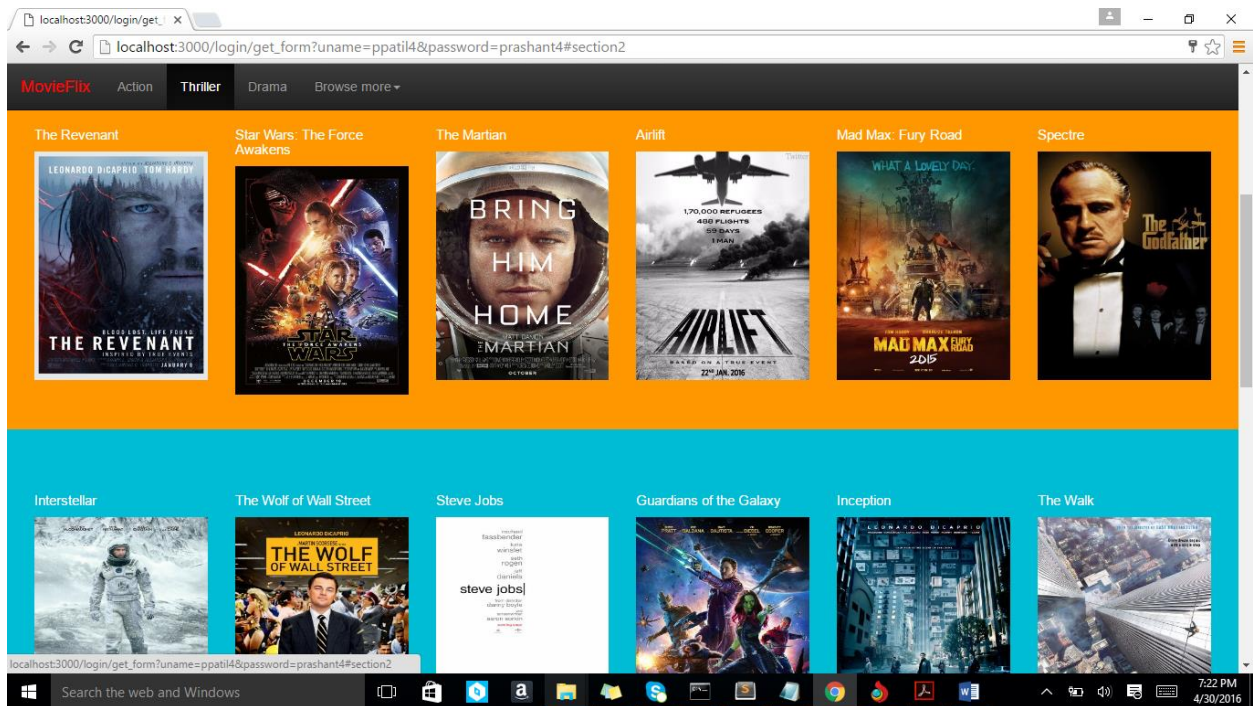
4. <http://localhost:3000/login/> :



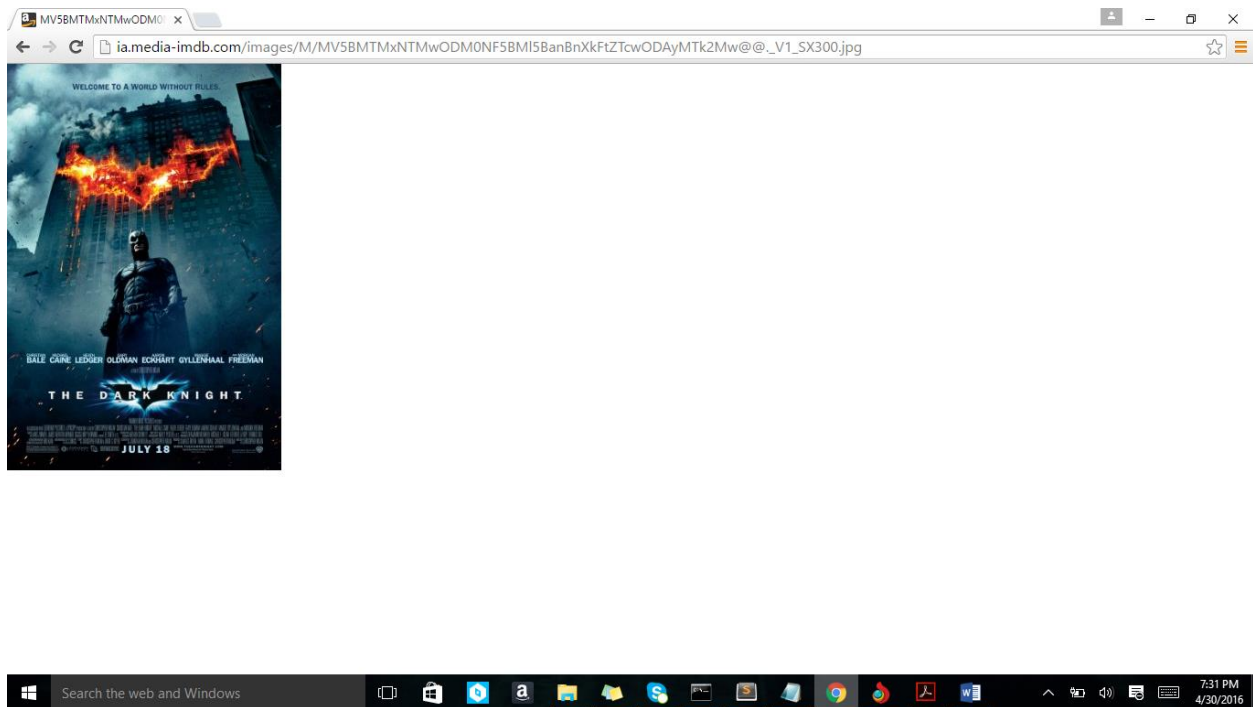
5. Home page for browsing movie content:



6. Next we can browse the content:



7. If we click on any movie it will take us to the poster of that movie:



Technologies used:

Languages:

1. JavaScript
2. Jade
3. CSS

Libraries:

1. JQuery
2. Bootstrap

Frameworks:

1. NodeJS
2. Express

Tools:

1. Sublime text editor
2. WebStorm IDE 11.0.3

Computer Environment:

Windows 10

Steps required to run the application:

1. Download the project files.
2. In the command prompt go to the folder path where project is saved.
3. Download npm dependencies required to run the project using command:
>npm install
4. Start the server using command:
>npm start
5. Open any browser and run the URL:
localhost:3000
6. You will be directed to the Index page as shown above. Then there are two options:
Sign in and Sign up
7. Sign up: The can click the: **Join Free for a month** button to sign up and save his credential to the database.
8. Sign in: You can click on sign button it will redirect to the sign in page where the user will enter the login credentials required to access the content.
9. The user can use his Username and Password to login, if he has already signed up.
10. The user can use default username: ppatil1 and password prashant1 for testing purpose.
11. After signing in whole content is available to the user.
12. If the user clicks any of the movie name or poster it will redirect to the full size poster page of that particular movie.

Issues:

1. I wanted to set the content of the browse page dynamically directly from the database but was not able to do that in the jade also I tried to attach one js file for DOM manipulation but that file was not able to access the data which was passed to the .jade file. So, couldn't implement any logic there as well. Finally, ended up hard coding the array values.
2. I tried implementing online mongo db, the URL is
mongodb://<ppatil1>:<intelli123>@ds021711.mlab.com:21711/movieflix_db
Though the data got updated in the db but this error didn't let me go forward with the error.

```

GET /login/ 304 60.488 ms - -
GET /stylesheets/bootstrap.min.css 304 3.941 ms - -
GET /stylesheets/bootstrap-theme.min.css 304 18.185 ms - -
GET /stylesheets/style.css 304 23.015 ms - -
GET /stylesheets/bootstrap.min.css.map 404 19.673 ms - 1323
GET /stylesheets/bootstrap-theme.min.css.map 404 51.818 ms - 1323

C:\Users\ppati\Final_Project\ppatil11\node_modules\mongodb\lib\mongo_client.js:511
    throw err
      ^
MongoError: Authentication failed.
    at Function.MongoError.create (C:\Users\ppati\Final_Project\ppatil11\node_modules\mongodb\node_modules\mongodb-core\lib\error.js:31:11)
    at commandCallback (C:\Users\ppati\Final_Project\ppatil11\node_modules\mongodb\node_modules\mongodb-core\lib\topologies\server.js:1187:66)
    at Callbacks.emit (C:\Users\ppati\Final_Project\ppatil11\node_modules\mongodb\node_modules\mongodb-core\lib\topologies\server.js:119:3)
    at null.messageHandler (C:\Users\ppati\Final_Project\ppatil11\node_modules\mongodb\node_modules\mongodb-core\lib\topologies\server.js:358:23)
    at Socket.<anonymous> (C:\Users\ppati\Final_Project\ppatil11\node_modules\mongodb\node_modules\mongodb-core\lib\connection\connection.js:292:22)
    at emitOne (events.js:77:13)
    at Socket.emit (events.js:169:7)
    at readableAddChunk (_stream_readable.js:146:16)
    at Socket.Readable.push (_stream_readable.js:110:10)
    at TCP.onread (net.js:523:20)

npm ERR! Windows_NT 10.0.10586
npm ERR! argv "E:\\ProgramFiles\\NodeJS\\node.exe" "E:\\ProgramFiles\\NodeJS\\node_modules\\npm\\bin\\npm-cli.js" "start"

```

Learning:

1. Learnt RESTful API request handling.
2. Learnt making a nice client-server application.
3. Learnt JADE and implemented it to a level of excellency.