Movie/Series Rating System

Group 4

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Abstract

Everybody loves to watch movies. But the task of choosing a movie to watch is easier said than done at present. This is where our rating system comes into play. Every movie or TV series title can be rated on a scale of one to ten. It helps a person avoid bad movie titles with low ratings and saves their time. Simultaneously it can also be used to look for critically acclaimed movies with moderate to high ratings.

Introduction

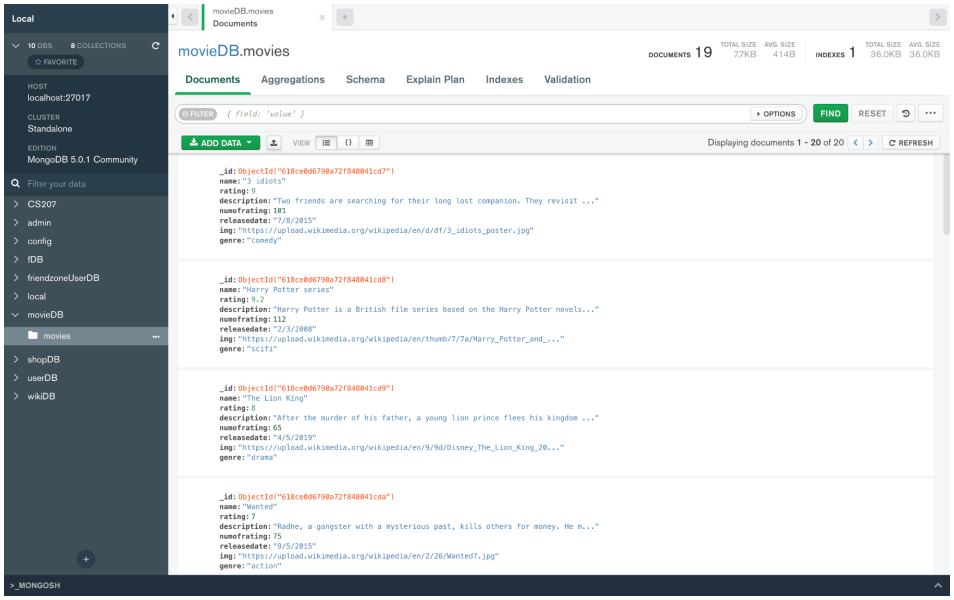
Our website movierater.com is a website designed to aid people in making decisions that would otherwise be impossible to make- choosing movies to watch. In this postmodern era of digital releases and streaming websites which bring a plethora of content to your fingertips; a rating system is a much needed relief. This is what our website does. It rates movies based on both customer and critic ratings which helps the user to make a decision on what movie to pick.

Methodology

Technologies used in backend development:

1. MongoDB

MongoDB was used to store the movie and TV series titles and other individual details like genre, release date, ratings, etc. It helps us handle any number of entities of movie titles and therefore unstructured data can be handled using MongoDB.



2. Express.js

Express is a useful backend web application framework for Node.js and was mostly used for developing basic functionality like rating system.

3. Nodejs

Nodejs gives us a good way to use javascript as a web language to program our route and it is very useful because its base is javascript which is also helpful in frontend development.

Results

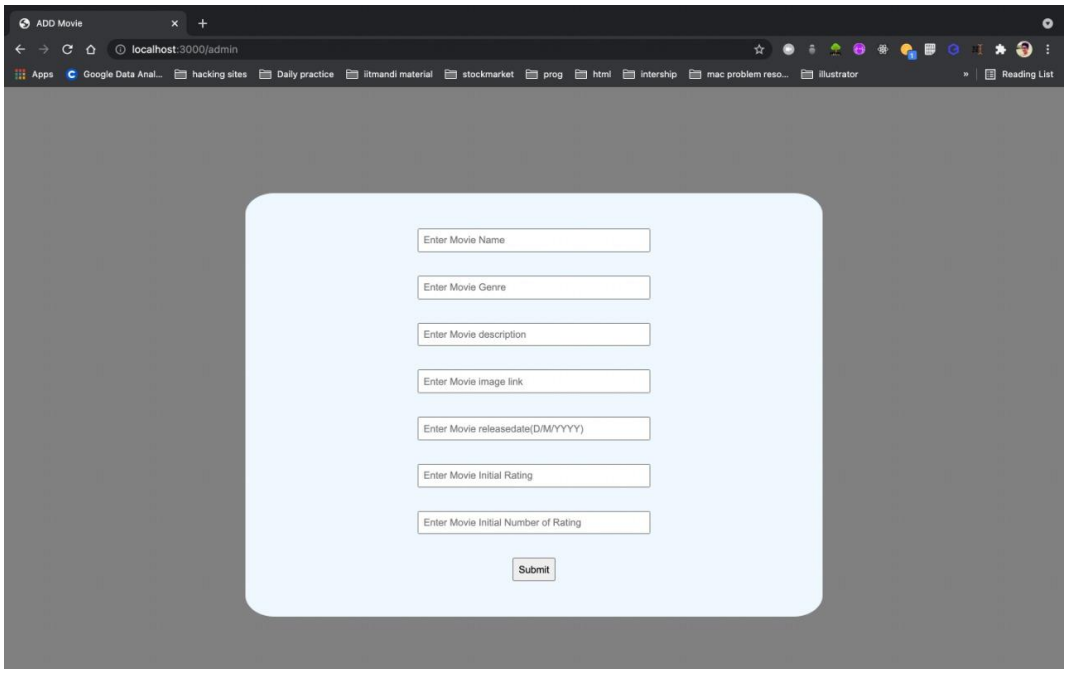
Features:

1. Movie Rating System

The movie rating system can be used by users to provide a rating on a 10 point scale to a movie or TV series anonymously. The rating of the movie title is updated automatically which can be seen under the individual movie titles.

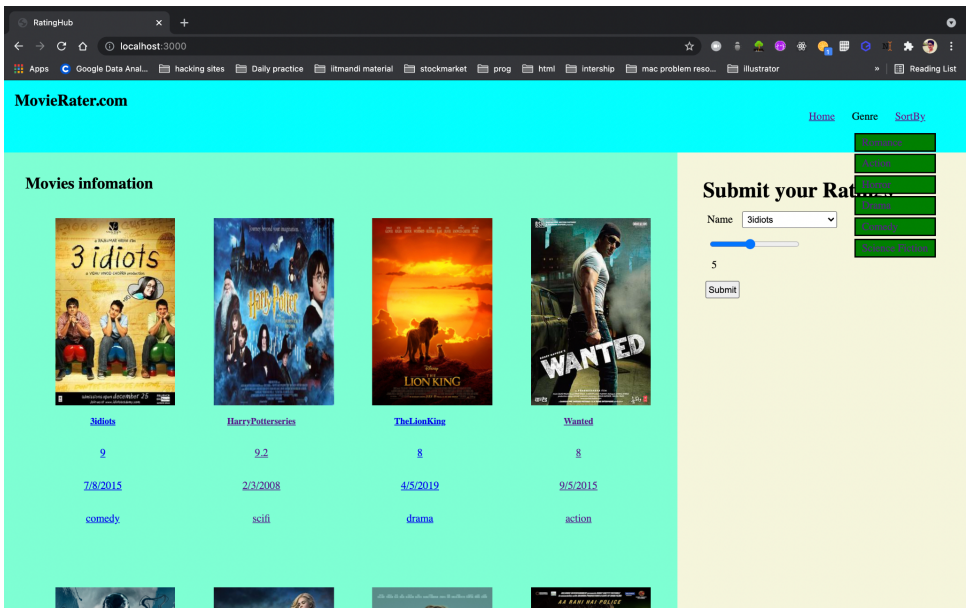
2. Movie title addition

New movie titles can be added to the database using the admin page accessible through the link (localhost:3000/admin). Only available to the admin of the website.



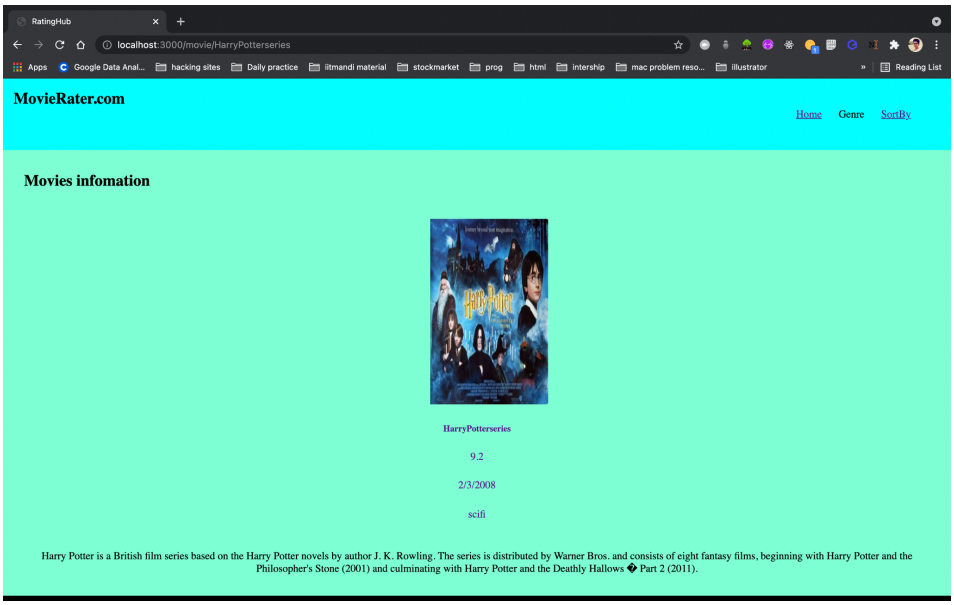
3. Sorting function

Movie titles can be sorted according to their genre and release dates and helps searching for movies easier.



4. Individual pages for titles

All movie titles have their own individual pages with details and descriptions about the movie.



Conclusion

This movie database system is a fairly effective way to form a binge-watching list for the weekends. The backend was developed using MongoDB, ExpressJS and NodeJS which makes it visually appealing.