Movie Meter

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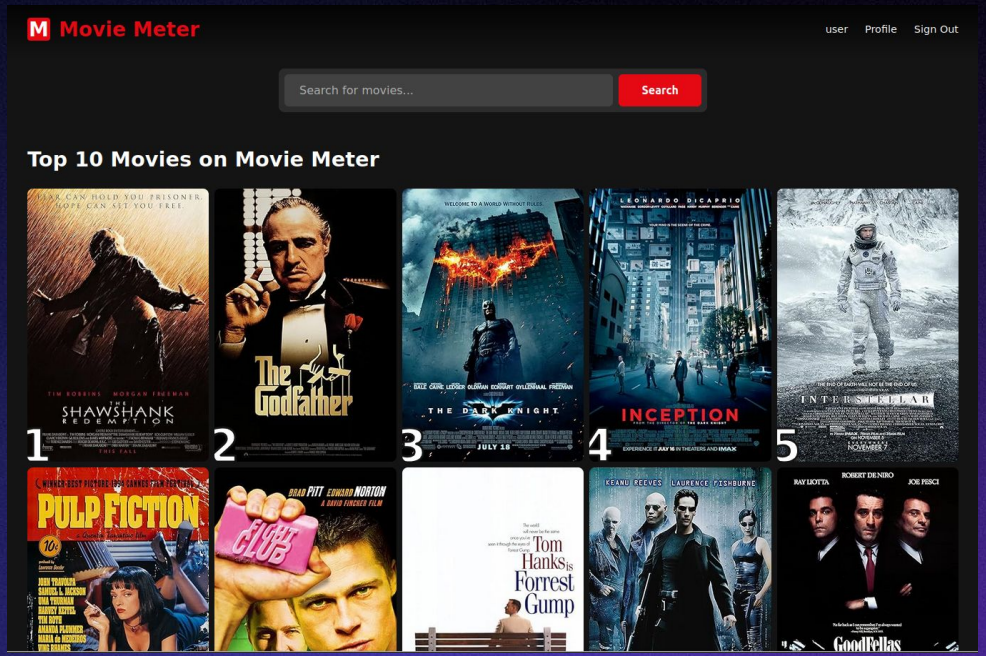
Movie Meter

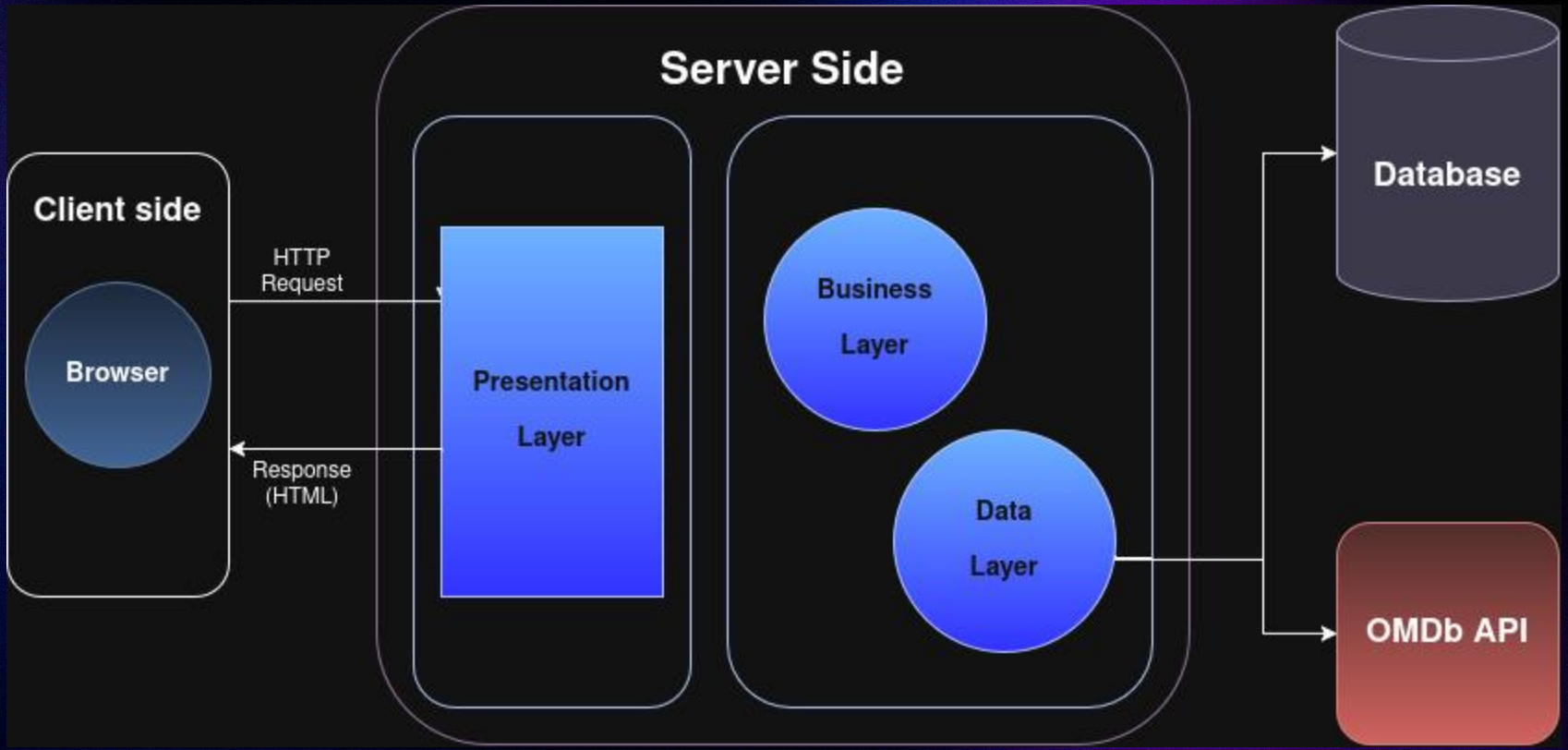
Our Project

- Simpler IMDb
- In-depth ratings
- Personal profile
- Easily searchable
- Easy to use



Movie Meter

Architecture



Movie Meter

Infrastructure Tools

HTML

Rating: 5/5

This tool was the primary tool to make our page and make the pages for our website and the backbone of the visual aspect of the website

HandleBars

Rating: 5/5

The handlebars was extremely important as it was what made our discover page and the other pages like the login and the review pages.

JavaScript

Rating: 5/5

This was the backbone of our backend the part that made the features work like adding saving and reviewing movies and saving to the user

PostgreSQL

Rating: 5/5

PostgreSQL was one of the most important pieces as it was the reason anything could happen in our project, it was the database

NodeJS

Rating: 5/5

Node was another really important piece as it again was one of the parts of the project that made the project functional.

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Infrastructure Tools

Github

Rating: 5/5

Very useful tool, was very easy to pull code and stay up to date with what the team was working on

Render

Rating: 3/5

This was a good tool to constantly be able to access our project and have a real link to access also giving us the needed HTTPS protection , though it gave us a lot of trouble

Docker

Rating: 3/5

It was an extremely useful tool to be able to run the container and run our db which was a huge part of our project, it did give us some trouble early

VS Code

Rating: 5/5

This was all of our primary ide that we all used.

OMDB API

Rating: 5/5

This api was super useful and provided so much information for us to use and had all the tools we needed.

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Infrastructure Tools

Express in Node

Rating: 5/5

This was one of the primary languages used for our project its use was for the routing, and middleware, making it easier to build and manage web applications

CSS

Rating: 5/5

This tool was used for out front end and made our site interactive and looked very nice and was responsive

Figma

Rating: 5/5

The Wire frames made on this site were a great guide for us in how we made our website and gave us a baseline to achieve

Github Project Board

Rating: 5/5

This was the primary resource used to track our tasks over the course of the project. We referred to it consistently and it was a great reset tool when responsibilities were unclear

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Teamwork/ Project Management Tools

Weekly Wednesday Meeting

Rating: 5/5

Our weekly wednesday after lecture meeting was super useful to get an in person meet in the lobby of the humanities building to see and talk about any conflicts we have and need to resolve

Trello

Rating: 2/5

This project board was not that nice because we rarely checked it

Agile

Rating: 5/5

This was the primary method used to keep track on how certain tools and features were rolled out on our site to ensure communication and quality

Chai

Rating: 2/5

This testing tool was not kind very useful as it did a great job testing our code and its functionality but the learning curve was substantial given the timeline

User Testing

Rating: 5/5

This testing tool was great because we were able to see our features in use and see any issues as a user is the best way to test the site. As we saw any edge cases and things we need to fix/add

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DEMO

https://movie-meter-xlqs.onrender.com/

backup: https://www.youtube.com/watch?v=d-JrttVZMY0

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Challenges We Faced

Writing the DB

In our weekly meetings we spent the first few trying to decide everything we were going to be using that needed to be in a database to help us create a solid backend before moving on to the frontend side. We persevered through this and got to our end goal without having to change our original plans

Connect API to DB

Connecting tha API to the database to allow for movies and reviews to be saved to a user was a big challenge for us things like checking what ID to use for the movies (IMDB or our own ID) was a huge decision, We overcame this by deciding to use our own ID for both movies and reviews and reviewing past labs to properly connect the API to the DB

Making Render Work

The render progress was not connecting with the website where it was not letting anyone log in or register. This took us long time to figure out because the environment was not connected with the postgres and had to relaunch new server with the right environment.

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Planning for the Future/Enhancements

Create a Comments Section

In the future, it would be a good addition to add a comment section attached to each review. This would allow a more open discussion on the reviews page for each movie.

Add links to trailers and list Cast etc.

Right now the website features the title's and posters of movies. It would be informative to users to add links to the movie trailers and information about the movie cast.

Create Communities for Reviewer

In the future we would add more centralized and encouraged interactivity between users. This would be similar to other social media platform communities, but specifically focused on movie discussion.

Allow people to edit reviews

When a review is posted, it stays on the website and is unable to be changed. Allowing users to edit or delete existing reviews would allow for changing opinions over time.

Thank you!
Questions?