

MOVIE MASTER

P R E S E N T A T I O N





The Team

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Description of the Project

This application is a movie rating website, users can add reviews and ratings. They are also able to filter through movies based on key words such as genre, year released, and the director of the movie. The user is able to click on the movie found in the carousel to find more information as well as searching for movies. Once on the movie's individual page the user is able to add to favorites or write a view as well as look at the previous ratings left.

Tools that were used

GitHub

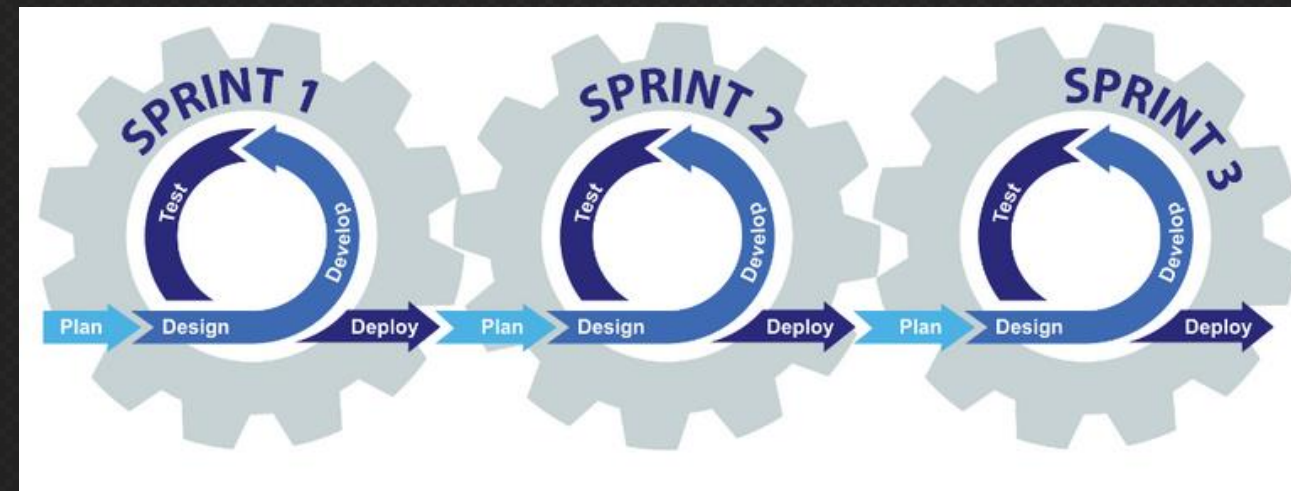


Took some time getting use to but this project was some great team collaboration testing using GitHub. There is still room to learn more about the features of Github as well as utilizing them.

The purpose of Github allowed us to work together on the project while using separate branches, list all of the features that need to be accomplished, recording meeting minutes, and keeping track of the process and what everyone was working on at a given time.

Tools that were used

Agile Scrum Framework



This method was very effective because we were able to plan and design the layout of the website and assign each member with specific tasks and each week, met and discuss what we have been working on as well as our future plan as well as help teammates out when they came across problems.

The purpose of using the agile scrum framework was to organize the tasks that needed to get done as well as who was assigned those tasks. Then we had 4 sprints and would meet with each other to track our progress.

Tools that were used

VSCode + Docker/PostgreSQL



VSCode was very useful as it has integration with Git through extensions, making it easier to manage our workflow. Allowing our team to work on separate branches was very effective.

Another tool we utilized was Docker to create containers where we hosted both our database(PostgreSQL) and web services. It did require some configuration and setup for our specific application which slowed our development; hence, the average rating.

Expected Tools



5



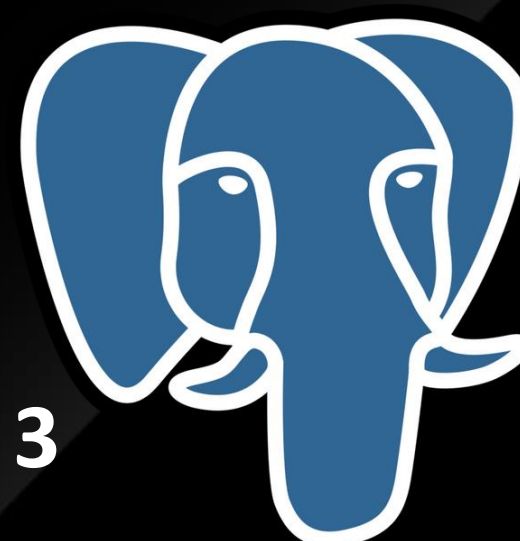
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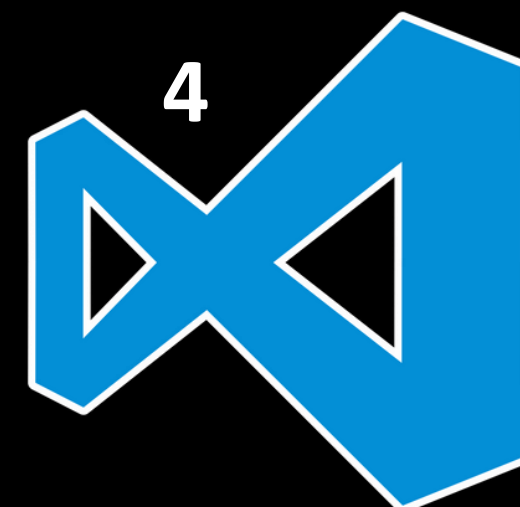
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docker

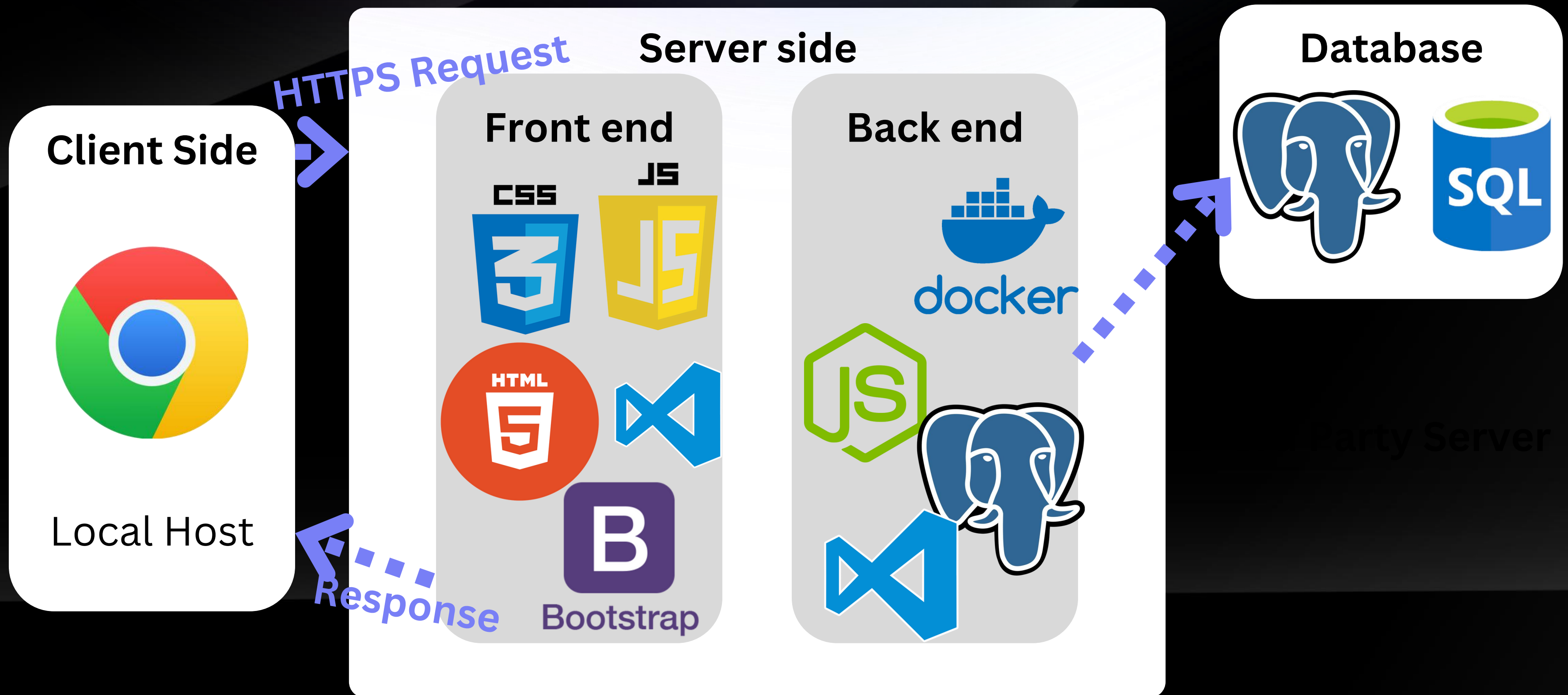


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Architecture Diagram



Challenges



Technical Issues

A few people in our group experienced technical issues with docker and vs code which caused some lost time



Home Page

We had some issues querying the movies on the home page for the carousel at first, making our home page not functional for some time.



Movie API's

We could not find an API that provided substantial amount of movies for free and that was not difficult, which made us manually insert movies into our database

How we overcame these challenges?

Future Scope/Enhancements

1

Personalized Recommendations

Implement a recommendation engine that suggests movies based on a user's viewing history and preferences.

2

Integration with streaming services

Provide direct links to streaming platforms where movies are available and show pricing comparisons across different platforms

3

User profiles customization

Allow users to customize their profiles with favorite movie quotes, avatar, or cover photos related to their favorite movies. Implement badges and rewards for activity app.

Future Scope/Enhancements

4

Work on Edge Cases

Clean up some of the edge cases we missed or didn't have time to reach. Such as if the user wants to input an empty review they are prompted they cannot.

5

My Friends Interactions

Get the add friends function working. Allow for users to see and add friends and view their favorited movies

Demo



Thank You

Any Questions?
