Movie Hub

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Process and Teamwork

Main team responsibilities:

- Xuanyu: Movie backend controller, database
- Ranran: Frontend design, movie frontend
- Zewei: Frontend scripting, user frontend, Jenkins
- Qiye: User side backend controller
- Travis: Testing of backend functions, some scripting in the frontend

Process and Teamwork

Organization/Management:
- Jira
- Slack
- Tuesday meetings
- Post sprint review meetings

Automation:
- Jenkins
- Github
- JUnit Test Suites

System Functionality

What we set out to do:
- Login system
- Search functionality
- Movie lists
- Movie recommendations
- Movie information from API
- Rating/comment system
- User following

Stretch goals:
- Links to tickets
- Links to digital movie source
- Messaging system
- Inclusion of non-movie media

System Functionality

What we achieved:
- Login system
- Search functionality
- Movie lists
- Movie recommendations
- Movie information from API
- Rating/comment system
- User following

Stretch goals:
- Links to tickets

Evidence of Functionality

1. Completed Jira tickets
2. Completed use cases from backlog
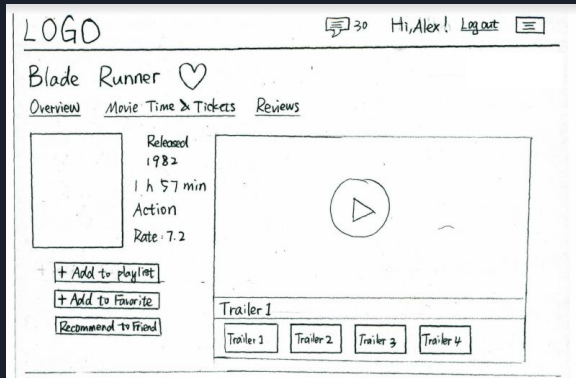
Job Quality

Evidence of Quality:

- Project runs smoothly
- Statement testing has 99-100% coverage
- Easy to use design and pleasing aesthetic
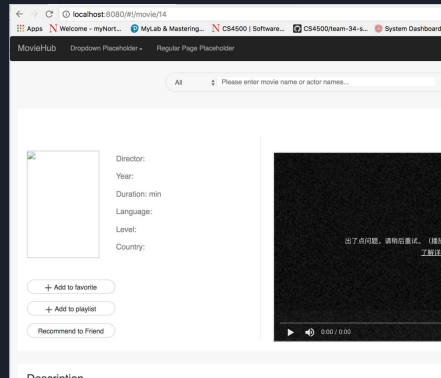
Job Quality

Improvement over time

- Every sprint included more working functionality
- Every sprint included added CSS styling and improved designs
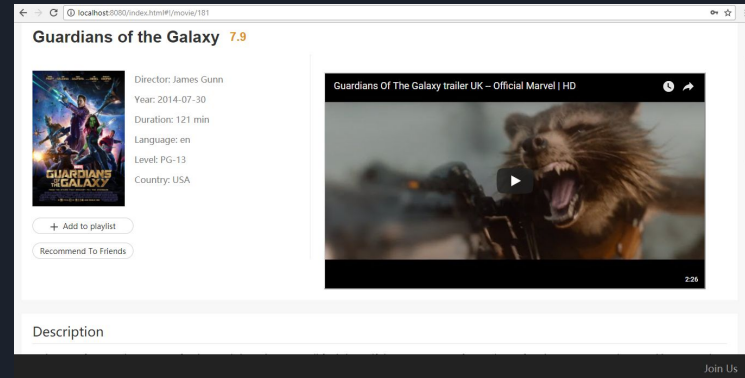
Paper   Sprint 3   Sprint 5

Challenges

Examples of challenges and how we solved them:

- AngularJS setup
- Jenkins memory limits
- Frontend and backend bottlenecks

Technology Transfer

The project is in a working state and is ready to be handed off to the client

Technology to be handed off to the client:
- Github repo
- AWS
- Jenkins

Technology Transfer

Recommendations for future development:

- Include links to digital movie resources (such as Netflix, Hulu, Amazon Prime, etc.)
- Include links to the box-office (such as AMC)
- Include a messaging system for increased user interaction
- Include non-movie media (Books, video games, etc.)
- More advanced security

Thank you!