



Movie Hub

Travis Bergmann, Xuanyu Li, Zewei Chen,
Ranran He, Qiye Chen



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

Use Case 1

Use Case:	Create/edit/delete an account
Primary Actor:	Guest
Goal in Context:	Users should be able to create an account, and then edit or delete that account
Preconditions:	User is on the website and hasn't already used their email address to create an account
Trigger:	User selects "Create Account" or "Account Settings"
Scenario:	<ol style="list-style-type: none">1. User navigates to website as a guest2. User selects "Create Account" to make an account3. User enters account information4. System confirms validity of account information and saves information to database5. User navigates to "Account Settings"6. User edits information or deletes account7. System saves changes to database
Exceptions:	<ol style="list-style-type: none">1. User attempts to create an account using an email that is already registered to an existing account. Remedied when the user chooses a new email.2. User edits account with invalid information. Remedied

The screenshot shows the Jira interface for the 'team-34-spring18' board. The 'Backlog' tab is selected, displaying a list of issues. The issues are organized by sprint, with the current sprint being 'sprint 3' (27 issues). The issues are listed with their IDs, titles, and status. The status of each issue is indicated by a colored circle and a checkmark. The issues are as follows:

- TEAM34-76 Use case 1: Login - Phone verification (Status: Done)
- TEAM34-72 Use case 1: Login - Add logout function front-end (Status: Done)
- TEAM34-94 Add Session to project (Status: Done)
- TEAM34-77 Use case 1: Login - profile public level (front-end) (Status: Done)
- TEAM34-96 Follow and Unfollow other users (Status: Done)
- TEAM34-78 Use case 1: Login - profile public level (back-end) (Status: Done)
- TEAM34-76 Use case 2: customer-relationship Follow/Un button (Status: Done)
- TEAM34-79 Use case 2: customer-relationship Follow/Un function (Status: Done)
- TEAM34-83 Use case 2: customer-relationship Be able to review following/folk (Status: Done)
- TEAM34-80 Use case 3: Movie - Add comments and review front end (Status: Done)
- TEAM34-81 Use case 3: Movie - Add comments and reviews function (Status: Done)
- TEAM34-82 Use case 3: Movie - filter out all "Rude" reviews and comments (Status: Done)
- TEAM34-84 Use case 4: Search (Status: Done)



Job Quality

Evidence of Quality:

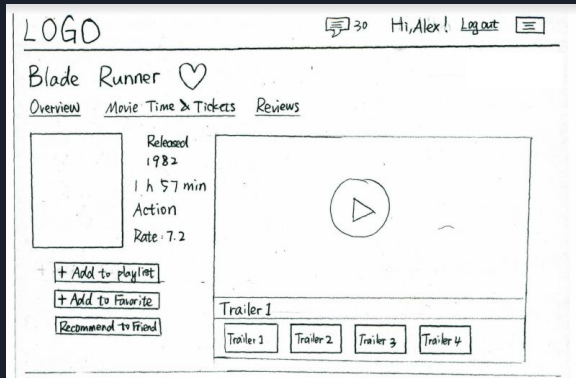
- Project runs smoothly
- Statement testing has 99-100% coverage
- Easy to use design and pleasing aesthetic

Job Quality

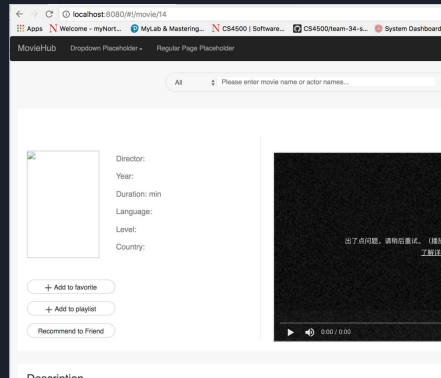
Improvement over time

- Every sprint included more working functionality
- Every sprint included added CSS styling and improved designs

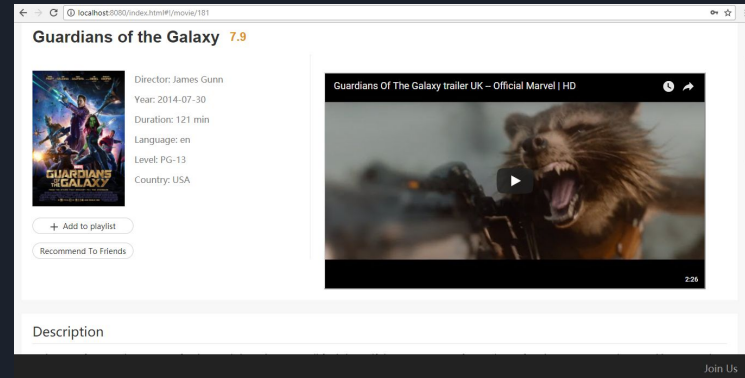
Paper



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!

