



Movi3H4ll

Team 31

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Achievements/Functionality

Different Skill Levels
Learned From Our Failures

18/25



Usefulness for Client

Client was expecting a product that makes it easier for users to get information about movies and being able to share that information with their network of friends on site



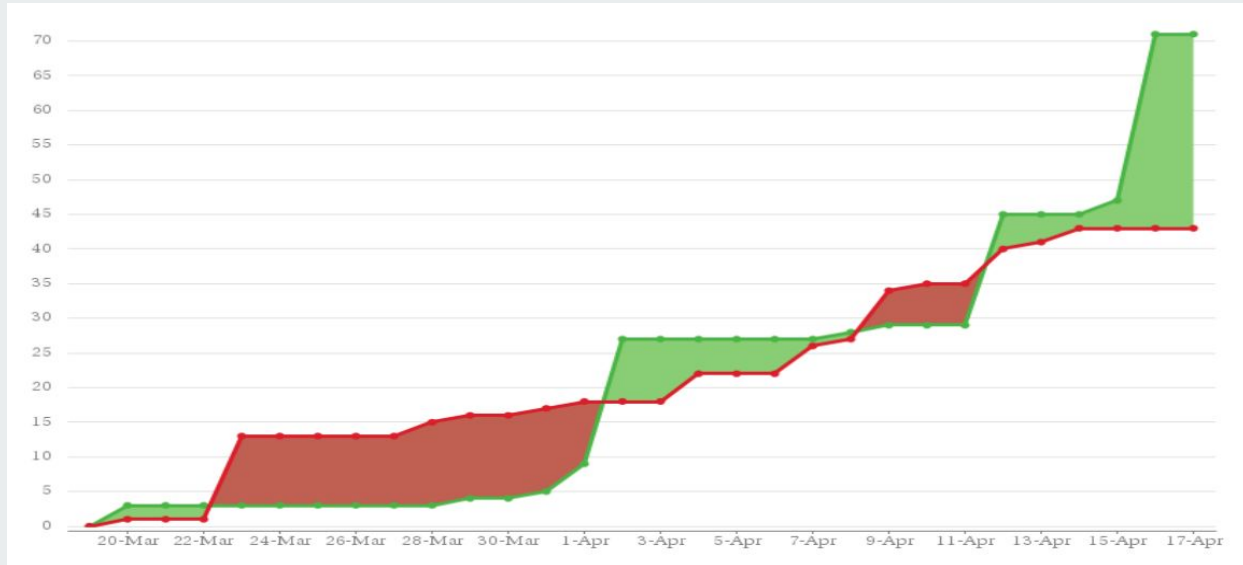
System Functionality

Website recommends movies you might like based off of other users

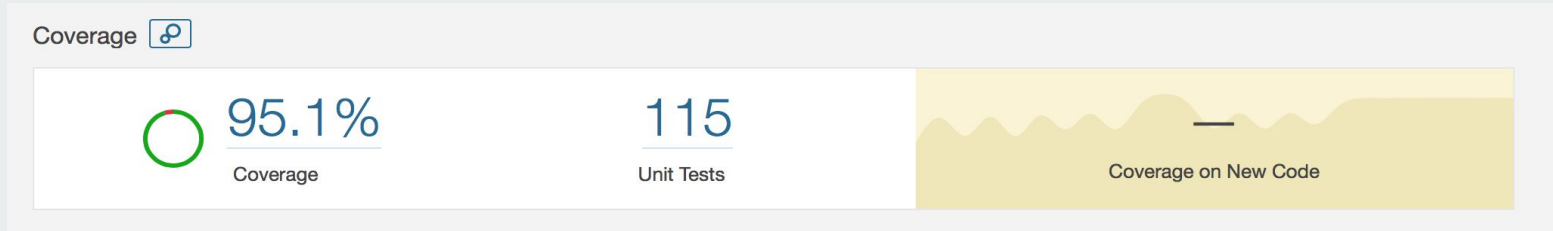


Job Quality

The below chart generated via Jira shows the number of issues **created** vs. the number of issues **resolved** in the last 30 days.



Job Quality



According to Sonarqube, we have 95% coverage with 115 unit tests. We have A grade for both maintainability and security and B grade for reliability.

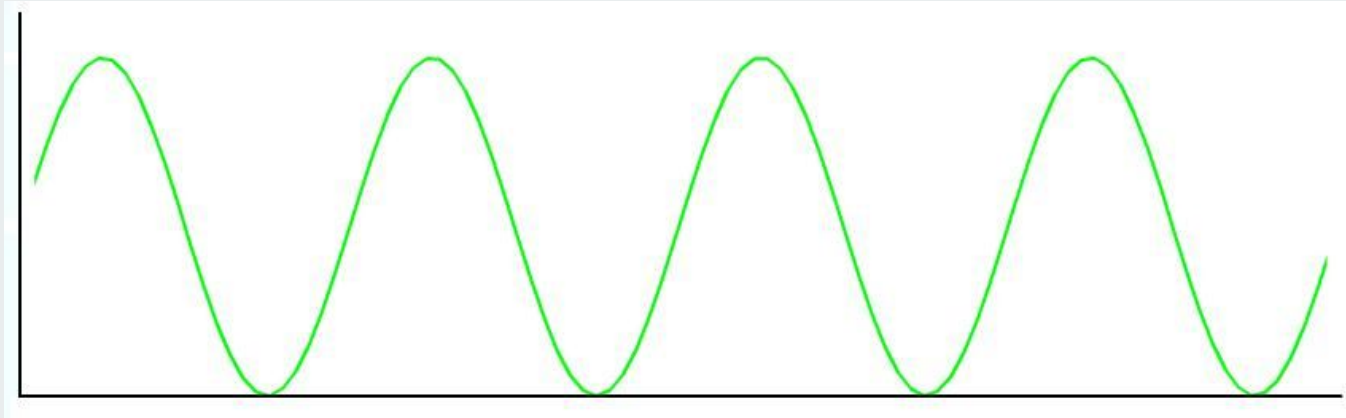
TEAM

Sprint 2, 3 :(
Sprint 1 :/
Sprint 4, 5 :)



Team Processes

The team has defiantly fluctuated throughout the semester with the organization level achieved by processes used while creating the project



Team Processes

Did the team recognize short-comings? If so, how well did they work around the challenges?



Process & Automation



torre approved these changes 2 hours ago

[View changes](#)

All changes for sprint 4/5, correct



tnghuyen11235 - tnguyen11235 committed changeset 69ef292686a5d77a8398c7757887cf533841fba8 saying:
Merge branch 'sprint4' of github.ccs.neu.edu:CS4500/team-31-spring18 into TEAM31-139

Changes:

- MODIFIED src/main/java/edu/northeastern/cs4500/DB/movie/UserRatesController.java
- MODIFIED src/main/java/edu/northeastern/cs4500/DB/user/UserControllerTN.java
- MODIFIED src/main/java/edu/northeastern/cs4500/JPARepositories/UserRepoTN.java
- MODIFIED src/main/webapp/package.json
- MODIFIED src/main/webapp/src/admin/Admin.js
- ADDED src/main/webapp/src/admin/PlotData.js
- ADDED src/main/webapp/src/components/DisplayError.js
- ADDED src/main/webapp/src/css/Admin.css
- MODIFIED src/main/webapp/yarn.lock
- ADDED src/test/java/edu/northeastern/cs4500/DB/user/UserControllerTNTest.java

[... see more changes](#)

2 days ago

Technology Transfer

- Documentation on System Setup
- System Demo

Install backend

Make sure you are in the top level directory, where `pom.xml` is located.

Create a JAR file to upload to AWS Elastic Bean Stalk

```
mvn clean install
```

Run the back-end on `localhost:8081`

```
mvn spring-boot:run
```

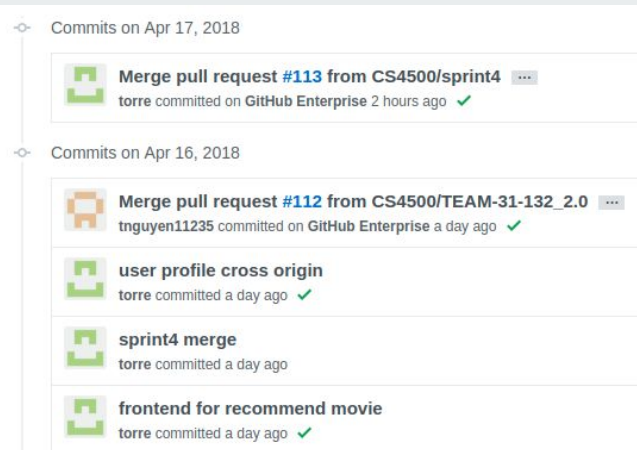
Run the back-end tests

```
mvn compile  
mvn test
```

Clone Github Repository

Install with SSH key

```
git clone git@github.ccs.neu.edu:CS4500/team-31-spring18.git
```



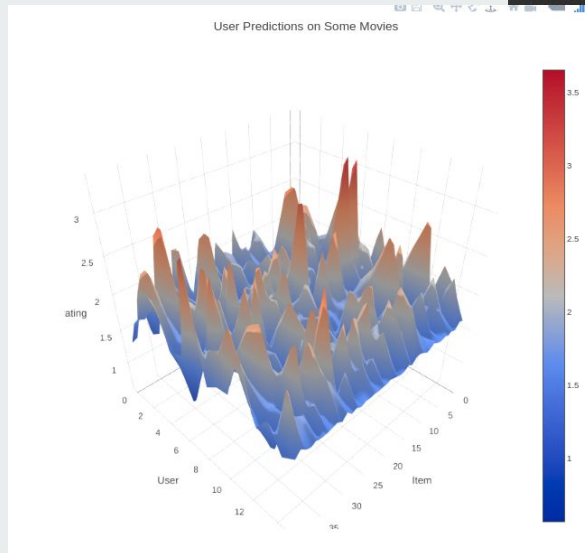
The screenshot displays a GitHub commit history for the repository CS4500/TEAM-31-132_2.0. It is organized into two sections: 'Commits on Apr 17, 2018' and 'Commits on Apr 16, 2018'. The 'Apr 17' section contains one entry: 'Merge pull request #113 from CS4500/sprint4' by user 'torre', committed 2 hours ago. The 'Apr 16' section contains three entries: 'Merge pull request #112 from CS4500/TEAM-31-132_2.0' by user 'tnguyen11235', 'user profile cross origin' by user 'torre', and 'sprint4 merge' by user 'torre', all committed a day ago. Each entry is accompanied by a small icon representing the commit type (merge, user profile, or sprint) and a green checkmark indicating a successful commit.

Commit Date	Commit Message	Author	Time Ago
Apr 17, 2018	Merge pull request #113 from CS4500/sprint4	torre	2 hours ago
Apr 16, 2018	Merge pull request #112 from CS4500/TEAM-31-132_2.0	tnguyen11235	a day ago
Apr 16, 2018	user profile cross origin	torre	a day ago
Apr 16, 2018	sprint4 merge	torre	a day ago
Apr 16, 2018	frontend for recommend movie	torre	a day ago

Future

- UI/UX
- Enhance Recommendation System
- Interactive

```
/**
 * INVARIANT: The order of the matrix of user and items will remain the same
 *             will get mutated with predicted rating.
 * @param userItem the matrix user and item. The rating of each user rated
 * @param modePercent mode (recommended to be around .6 for testing or .1
 */
public SimpleSVD(double[][] userItem, double modePercent) {
    Objects.requireNonNull(userItem);
    if (modePercent > 1.000 || modePercent < 0.000) {
```



IN CONCLUSION...

Movi3Hall

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What's Hot

Bears

Released on 2014-04-17

7.2/10 ★

What would you rate this?



Watch Later

A documentary that follows an Alaskan bear family as its young cubs are taught life's most...



Coming Home

Released on 2014-05-16

7.1/10 ★

What would you rate this?



Watch Later

Lu and Feng are a devoted couple forced to separate when Lu is arrested and sent to a labor camp...



Doc of the Dead

Released on 2014-06-14

7/10 ★

What would you rate this?



Watch Later

The definitive zombie culture documentary, brought to the screen by the makers of THE PEOPLE vs....

