Movi3H4ll

Team 31

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Achievements/Functionality

Different Skill Levels
Learned From Our Failures

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
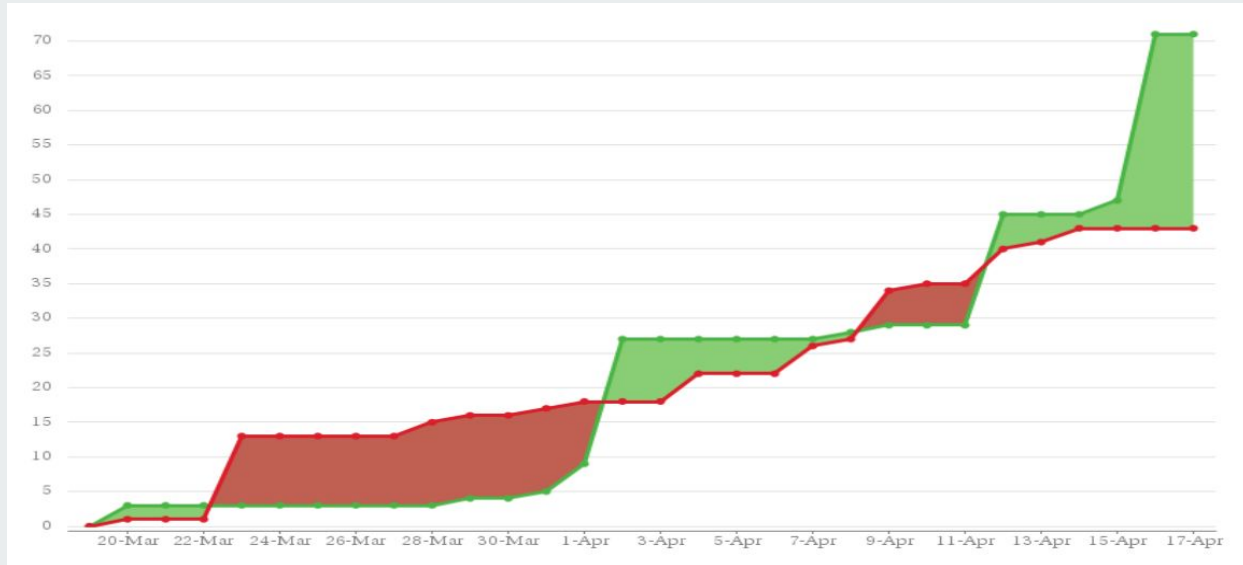
System Functionality

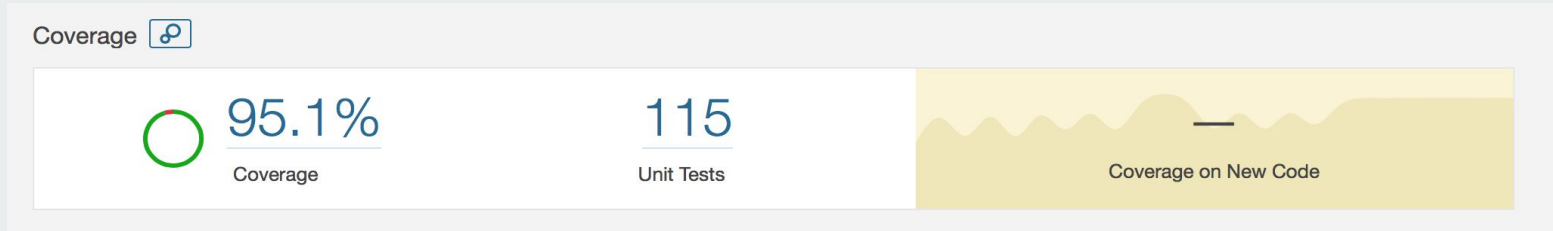Website recommends movies you might like based off of other users

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

Coverage

95.1%
Coverage

115
Unit Tests

Coverage on New Code

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.
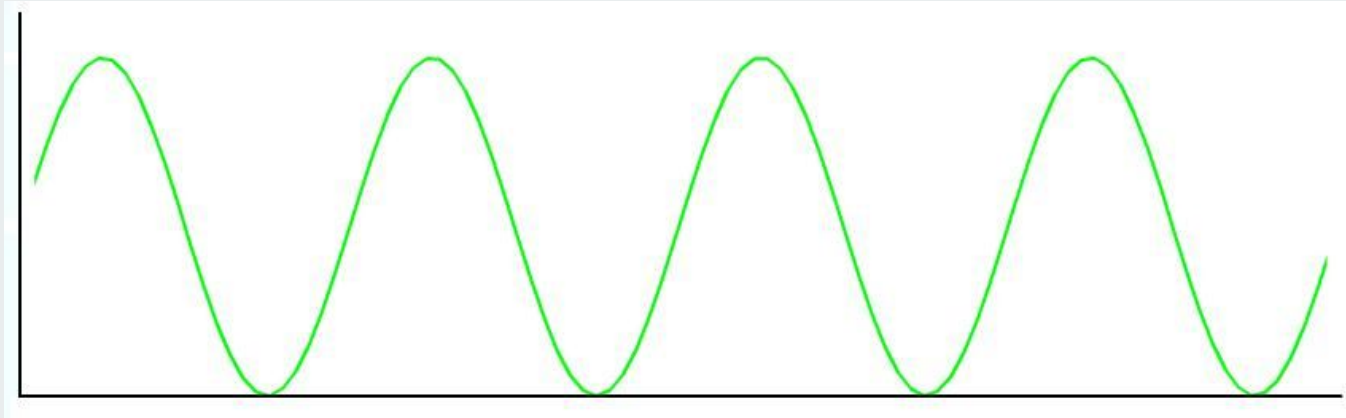
TEAM

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

tnguyen11235 - 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`
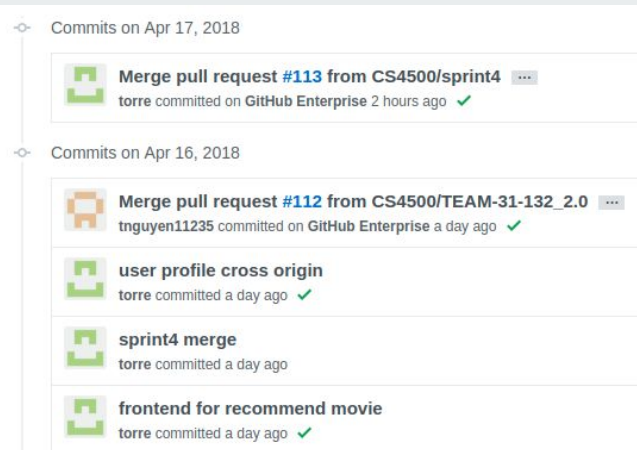
```
mvn spring-boot:run
```

Run the back-end tests

```
mvm compile
mvn test
```

Clone Github Repository

Install with SSH key

```
git clone git@github.ccs.neu.edu:CS4500/team-31-spring18.git
```
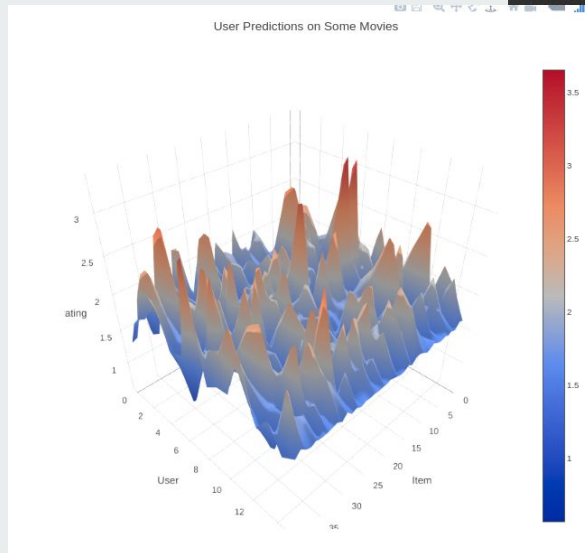
Commits on Apr 17, 2018

Merge pull request **#113** from CS4500/sprint4 ⋯
torre committed on **GitHub Enterprise** 2 hours ago ✔

Commits on Apr 16, 2018

Merge pull request **#112** from CS4500/TEAM-31-132_2.0 ⋯
tnguyen11235 committed on **GitHub Enterprise** a day ago ✔

user profile cross origin
torre committed a day ago ✔

sprint4 merge
torre committed a day ago ✔

frontend for recommend movie
torre committed a day ago ✔

Future

- UI/UX
- Enhance Recommendation System
- Interactive

```
/**
 * INVARIANT: The order of the matrix of user and items will remain the sa
 *            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 .6t for testing or r
 */
public SimpleSVD(double[][] userItem, double modePercent) {
  Objects.requireNonNull(userItem);
  if (modePercent > 1.000 || modePercent < 0.000) {
```

User Predictions on Some Movies

IN CONCLUSION...