



Spoiled Tomatillos

Team 47

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Table of Contents

1. System Functionality
2. Job Quality
3. Process and Teamwork
4. Technology Transfer



System Functionality

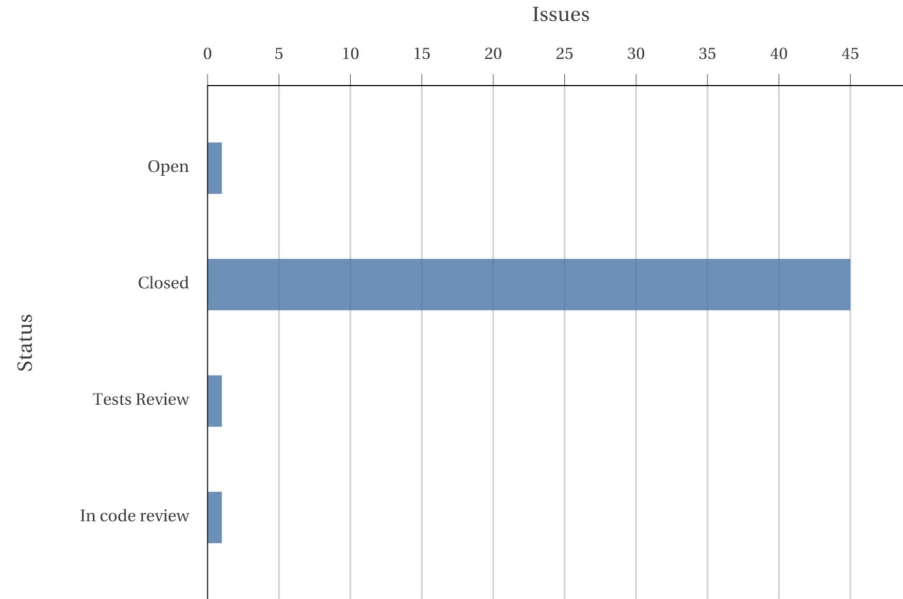


Functionality of Rotten Tomatillos

- Completed all 5 basic functionalities of the system
 - Sign up and Search
 - Ratings and Playlists
 - Friends System
 - User "Prods"
 - System Recommendations
- Additional functionalities added
 - Custom Movie Lists
 - Discovery Sections
 - Additional Recommendation Algorithm

Evidence

Results



Results Data

Status	# of Issues
OPEN	1
CLOSED	45
TESTS REVIEW	1

Job Quality

Performance Improvement

Improved / steady grades along with use cases:

	Grade	Requirements	Stretches
Sprint 1	D+	Incomplete	None
Sprint 2	A-	Complete	Several
Sprint 3	B+	Complete	One
Sprint 4	B+	Complete	One

Code coverage

LocalSQLConnectServiceTest (Apr 13, 2018 3:09:10 PM)

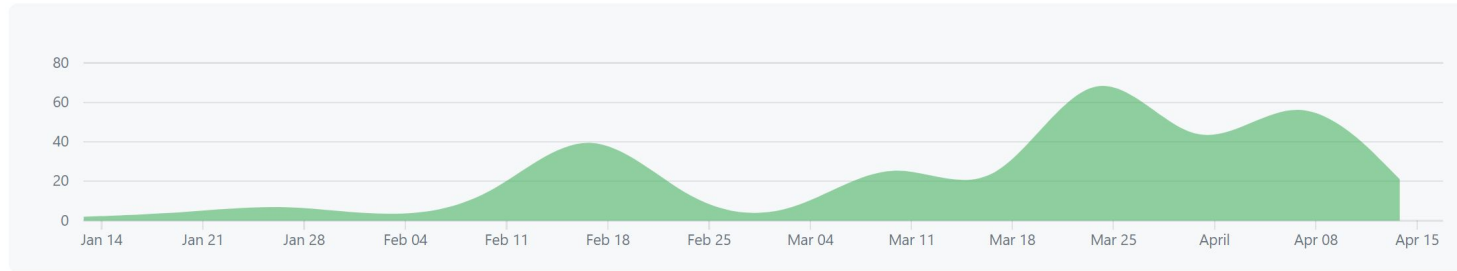
Element	Coverage	Covered Instructions
▼  cs4500-spring2018-team47	 28.2 %	2,653
▼  src/main/java	 20.7 %	1,701
▼  edu.northeastern.cs4500.model.services	 30.2 %	1,522

- Does not account for try / catches
- Did not start off writing tests but improved over time

Performance over time

- Increased amount of work done per sprint
- Increased collaboration and communication

Code Contributions:



The beginning struggle

Beginning time spent on:

- Environment setup
- Prototyping
- Learning new technologies
 - Thymeleaf
 - Spring Boot
 - React (scrapped)



Process and Teamwork



Team Work

- Focused on strengths towards the start of the project
 - Focused on buffing weaknesses towards the end of the project
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- Edward Wang: Full Stack Development.
 - Guojing Li: Full Stack Development, Focus on Database Design.
 - Long Lin: Full Stack Development, Tests.
 - Alec Li: API, Tests, Tech Debt and Refactoring.
 - Ruairi: DevOps, Jenkins test, AWS server setup, website homepage.

Challenges

- Test Driven Development
- Lack of meetings early on
- Redeployment of AWS

Strengths As A Group

- Communication
- Flexibility
- Variety of Knowledge

Automate the build

- Separation of Development process and Master
- Jenkins (CI)
- SonarQube (testing automation)



Technology Transfer



Client readiness

Can the project can be handed over to the client?

YES

... But it is not perfect

What we want to improve

- Minor bugs that couldn't be fixed in time
- Enhance UI / lacking CSS
- Test Coverage
- Add more features

Recommendations / next steps

- Main focus: focus on testing
- Improve current design / fix bug issues
- Enhance current features
 - Search by keywords like genre, director, actors, etc...
 - Edit personal reviews
 - More admin features
- Implement more features
 - Settings and Contact us features
 - Find movie in theatres
 - Create forums for user to discuss
 - Buy tickets

Thank you