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| **/Users/nate/Desktop/neu-templates/latex/handout/_neu.pdf** | **Northeastern University**  CS 5500 – Managing Software Development  Spring, 2018, |

– Team 209

# Expectations

1. Employs a sophisticated comparison strategy.

Just using jplag.

2. Stretch (small): employs more than one comparison strategy on demand. Hint: use the strategy pattern.

no

3. Stretch (bigger): uses more than one comparison strategy and reports the results of each method.

no

4. Stretch (even bigger): uses more than one comparison strategy and computes an overall score using a weighted polynomial function.

no

5. Stretch (even bigger still): trains the function in 4 to learn the weights and uses Stanford's MOSShttps: //theory.stanford.edu/~aiken/moss/ as a performance standard.

no

6. Performs the comparison against multiple files used in two submissions.

Yes ( jplag does it )

7. Stretch: Performs the comparison against multiple submissions.

Yes ( jplag does it )  
8. UI is fully functional for the base expectations.

UI for assignment creation/ upload/ course creation

9. UI is fully functional for stretch expectations.

10. System logs activity.

done

11. Stretch: System throws a message (email, SNMP trap, etc.) when something bad happens.

no

1. Team is using smart commits in git.

done

2. Jenkins runs on all pull-request submissions. It runs the test stage, which has Junit tests. Jenkins catches all failures in the test stage and blocks the merge to master. Jenkins should inform the team of failure either in Slack or email.

done

3. Github should inform the team of PRs via slack or email.

done

4. SonarQube in the Jenkins pipeline and the team can unambiguously get the report (or have it delivered).

done

5. The system is packaged as a standalone system (it should not require being run in an IDE

done

Base Expectations (90%)

1. Faculty use a faculty UI, Students use a student UI, Admin use an admin UI.

Done

1. At least 4 users exist in the a database. They can be hard coded for now. Two users in student role, one user in faculty role and one user in admin role. Depending who logs in, the correct UI is displayed. Next sprint Admin can change user roles.

Done

1. Faculty and student UI display at least one semester, with one course, with one assignment. Faculty can CRUD semester, courses and assignments next sprint.

Creating course and assignment done.

1. Faculty user can kickoff a comparison for the single assignment.

No. just showing the results for two students. ( implemented on backend )

1. Plagiarism threshold can be hardcoded for now, e.g., 75%, but faculty should be able to set it next sprint.

Done

1. Faculty user can view a report for a single submission from a single pair of students. Next sprint any faculty should be able to login and view multiple submissions from multiple students.

Like 4.

1. Submission displays score next to its label and is highlighted if above a threshold.

No ( static page done only ).

1. The report should include a similarity score, students, and files in question. Files can be viewed side by side with similar lines highlighted

No files in question. But showing the side by side comparison.

1. A pair of students can submit multiple files, or a zip file, or a directory, or a github link to a directory for the single assignment. Next sprint you will generalize being able to select from any course/assignmet. In this sprint, the identities of the students can be hard coded in the database.

Uploading files one by one.

1. Performs the comparison against multiple files used in two submissions for the single assingment

Done

1. Admin sees list of users. Next sprint admin can change the role of users, CRUD users.

Done.

Stretch (10%)

1. Performs the comparison against multiple submissions for a single assignment, for a single course

no

1. Performs comparisons for any new submission from same two students, e.g., incremental comparisons

no

1. System sends a message (email, text) when plagiarism has been detected

Just tested. Not integrated with report.

# Grade: 85