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CSCI 362 Software Engineering

Team Deliverable 3

Testing Framework:

Our testing framework revolves around runAllTests.sh. runAllTests will create a table in an html file in the reports directory within the TestAutomation directory containing each test and the result of the comparison of the test output to its corresponding oracle. Each testCase.txt file will contain information about what is being tested and inputs to be used in the testCaseExecutable files. Each test case will have its own executable, but this may be reworked for efficiency down the line. Each test case will also have its own oracle, which can be found in the /oracles directory.

HOW-TO:

To run the testing framework, clone our team repository follow the instructions in /TestAutomation/docs/README.txt

Summary:

This deliverable is certainly the most technical one of the project, and our team performed well for having limited knowledge/experience in creating shell scripts. The biggest challenge has been coordinating time to meet up as a full team because of busy school/work/family schedules. However, these times have been crucial to the organization of the project. Continuing forward, we will implement the rest of our test cases following the schedule set in Deliverable 2.