This is the fifth of five assignments that you will complete over the course of the semester:

1: Requirements Draft (10% of homework grade)
2: Final Requirements and Requirement-Based Tests (25%)
3: Design Draft (15%)
4: Final Design and Implementation (25%)
5: Testing (25%)

Each assignment is graded over a series of categories. You will be judged on a scale of 1-4 for each criterion, where a 1 corresponds to a 60%, a 2 corresponds to 75%, a 3 corresponds to 90%, and a 4 corresponds to 100%. If there is no work for a criterion or it is clear that even a minimal amount of effort was not put in, you will receive a 0% for that section of the assignment.

The following is a tentative idea of what we are looking for in Assignment 5. This may change before final grading, but gives criteria to aim for with your submission. A "4" in a category requires all requested elements to be present. Missing elements will result in a lower grade.

Code Style (20%):
Based on a random sampling of the test code, we are looking at:
- Consistent bracketing and tab/spacing style
- Descriptive variable, method, and class names
- JavaDocs present and used correctly
- Sufficient comments to understand code (if in doubt, show it to someone not on your team and ask them if they understand the code - or ask us)

Missing any one results in -1 to score for that section.

Test Cases (60%):
- Major system functionality tested
- Both "happy path" and error cases tested
- Test I/O sufficiently detailed
- Success/failure conditions well-defined
- Pre/post conditions well-defined (proper use of initialization and tear down)
- At least 80% code coverage achieved on all classes.

Reports (20%):
- Test execution report included and complete.
- Report notes why any tests failed and what code changes are needed to result in a pass verdict.
- Code coverage report included and complete.
- Justification exists for uncovered elements.