Assignment HW6

**Cover Page**

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SE-4367.0U1-Testing

**Assignment Choice:**

N/A for this assignment

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**Proof of Working Software**

GitHub link:

<https://github.com/AlexLundinEducational/SE-4367-Testing>

Branch Summary:

master – managed by Alex, only fully completed pulls allowed to make TA’s life easy. Master only contains assignment material once they reach completed status.

working – flexible branch for team, ideally, this material should build without causing technical debt during the project.

Commit for grading:

HW6\_Team\_4 Complete, Ready for Merge to master and Ready for Grading

Phase 1 Development

Phase 2 Development

Proof of Working Tests

**Documentation Log**

1. Reductions
   1. File 1

* Short summary

1. Refactors
   1. StringConstants.java

* this is a refactoring of the strings used in the JavaServlet.java file

1. Modifications
   1. File 1

* Short summary

1. Additions
   1. File 1

* Short summary

We will now return to our **facts server** from prior assignments. This time, you will **test** the **original version** using input space partitioning.

Analyze the inputs and create an **input domain model (IDM)**. Use the **base choice criterion (BBC)** to design tests. Automated your tests using Selenium, the JUnit-based test framework for web applications. Run your tests.

**Submission**

Submit four items in class, on paper:

1. Your input domain model

2. Your test designs, including the values and expected results, at the design abstraction level

3. Your automated tests

4. A screen shot **and** printout of the results of running your tests

**Grading**

We will grade on several factors.

* • (25 pts) The quality of your input domain model
* • (20 pts) Proper use of BCC
* • (25 pts) Correct implementation of your automated tests
* • (20 pts) Results of running your tests.
* • (10 pts) Other factors to be determined while grading such as peer evaluation