Assignment HW3

**Cover Page**

Prepared for:

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SE-4367.0U1-Testing

**Assignment Choice:**

N/A this week

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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, all posts allowed, used for continuous development.

Commit for grading:

HW3\_TEAM1 Complete, Ready for Merge to master and Ready for Grading

Phase 1 Development

Phase 2 Development (30sec)

https://autode.sk/2l1kJV2

Phase 3 Development

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**Documentation Log**

1. Reductions
   1. File 1

* Short notes

1. Refactors
   1. StringConstants.java

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

1. Modifications
   1. FactServlet.java

* Added fields into web page table, quote, author and type
* Added button addFact into web page table
* Added section to doGet which checks fields for new fact data
  1. Fact.java
* Value constructor and toString methods

1. Additions
   1. XMLWritter

* Short notes

**Maintainability Assessment**

Intro for this week

What did the original programmers do that made it hard to change the software?

Webpage GUI

The original programmers included too much functionality inside the FactServlet.java class file. This file should have been broken into a few class files. The rule of thumb is 1 method per class file if possible.

What did the original programmers do that made it easy to change the software?

Paragraph 2

What would you do differently if you did it again?

Paragraph 3