**CS 341 Software Engineering**

**Personal Software Process Form**

**Part 1: Basic PSP Information**

Name: Chance Mitchell

Title of the software you are building: TextFile of Nums to GUI

LOC (Lines of Code): 192

**Part 2: Time Recording Log (Enter your times in minutes)**

Time spent on research/design: 100

Time spent on coding: 25

Time spent on testing: 20

NOTES:

Design: Added in a textArea from JFrame. Design was fairly simple.

Coding: Coding included a couple of difficult but simple errors. The longest was a simple problem with the BufferedReader not being able to read the file because I was unable to get the readline() to translate to a string.

Testing: Used a lot of different text files with just numbers, and imported them to see how the code worked.

**Part 3: Defect Recording Log**

| **Defect**  **Code Name Description**  50 Interface Errors in OOP interface design: method calls and references, parameter and argument lists.  20 Syntax Spelling, punctuation, typos, instruction formats.  80 Functionality Errors in functionality: structure, cohesion, architectural design, content.  40 Logic Errors in algorithm design; logic, pointers, loops, recursion, computation. |
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| Defect Code | Fix Time in Minutes | Comments |
| --- | --- | --- |
| 80 | 10 | Was having problems with the BufferedReader. Ended up designing it incorrectly |
| 80 | 30 | BufferedReader unable to read the selected file |
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