**Criterion B: Record of Tasks**

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| Task number | Planned action | | Planned outcome | Time estimated | Target completion date | Criterion |
| 1 | Talk with Client | | Talked with client over phone and turned in proposal to teacher. | 1 hour | 09/29/17 | A |
| 2 | Finish Criterion A | | Interviewed client on additional questions/clarification and turned in Criterion A. | 2 hours | 10/20/17 | A |
| 3 | Begin Criterion B | | Create Record of tasks and started flowchart. | 1 hour | 11/02/17 | B |
| 4 | GUI | | Started working on GUI in Microsoft Word | 1 hour | 11/30/17 | B |
| 5 | Finish GUI | | Decided that GUI was hard to construct on Word and started a GUI on the program GIMP. | 1.5 hours | 12/03/17 | B |
| 6 | Finish GUI (Cont.) | | Finished GUI on GIMP | 2 hours | 12/08/17 | B |
| 7 | Finish Flowchart | | Used GUI to visualize how the program worked which helped with the completion of flowchart | 1 hour | 12/09/17 | B |
| 8 | Data Table | | Had trouble with figuring out items. Only had one custom class with a long list of properties. | 30 minutes | 12/09/17 | B |
| 9 | Data Table | | Researched how to calculate desired outcome and organized Data Table into different items | 30 minutes | 12/10/17 | B |
| 10 | Test Plan | | Looked at success criteria of program and finished a Test Plan table | 30 minutes | 12/10/17 | B |
| 11 | Pseudo Code | | Started organizing the program into different objects and methods in pseudo code. | 1 hour | 12/11/17 | B |
| 12 | Complexity | | Listed a variety of java functions used and their relevance to the program | 20 minutes | 12/11/17 | B |
| 13 | Pseudo Code | | Finished pseudo code of all methods used except GUI code | 2 hours | 12/12/17 | B |
| 14 | Code | | Began organizing the code and created objects | 1 hour | 12/15/17 | C |
| 15 | Code | | Created methods for inputting into a text file | 2 hours | 12/22/17 | C |
| 16 | Code | | Created template for other methods and created loading methods. | 2 hours | 12/27/17 | C |
| 17 | Code | | Complete loading methods and worked on the delete method | 1 hours | 1/2/18 | C |
| 18 | Code | | Worked on delete method as well as tried to figure out edit method | 2 hours | 1/10/18 | C |
| 19 | Code | | Created private methods for convenience of code | 45 minutes | 1/25/18 | C |
| 20 | Code | | Completed delete method and worked on edit method | 1 hour | 1/26/18 | C |
| 21 | Code | | Created and worked on math calculations methods | 45 minutes | 2/1/18 | C |
| 22 | Code | | Worked on edit method | 2 hours | 2/2/18 | C |
| 23 | Code | | Worked on edit method | 1 hour | 2/3/18 | C |
| 24 | Code Write-up | | Started outline of code write-up of section C | 30 minutes | 2/3/18 | C |
| 25 | Code | | Worked on edit method | 1 hour 30 minutes | 2/6/18 | C |
| 26 | Code | | Completed on edit method | 45 minutes | 2/8/18 | C |  |  |  |  |  |
| 27 | Code | | Organized code by method, and fixed some print statements | 15 minutes | 2/10/18 | C |  |  |  |  |  |
| 28 | Code | | Fixed print statements for formatting the user interface | 30 minutes | 2/14/18 | C |  |  |  |  |  |
| 29 | Code Write-up | | Added libraries, techniques, and table of all methods | 1 hour 30 minutes | 2/15/18 | C |  |  |  |  |  |
| 30 | Code Write-up | | Added screenshots of inputs and outputs | 1 hour | 2/23/18 | C |  |  |  |  |  |
| 31 | Send Client Demo | | Emailed a zipped folder of the program and requested for feedback. | 15 minutes | 2/23/18 | E |  |  |  |  |  |
| 32 | Code Write-up | | Added screenshots of code and bibliography and turned in Criterion C | 45 minutes | 2/24/18 | C |  |  |  |  |  |
| 33 | Evaluation | | Created outline for Criterion E | 15 minutes | 2/24/18 | E |  |  |  |  |  |
| 34 | Add Client Feedback to Criterion E | | Client replied he was satisfied with the program. Added comment into Criterion E | 5 minutes | 2/24/18 | E |  |  |  |  |  |
| 35 | Evaluation | | Added in the success criteria and recommendations for further development | 40 minutes | 2/26/18 | E |  |  |  |  |  |
| 36 | Evaluation | | Added evaluation and turned in Criterion E | 30 minutes | 2/28/18 | E |  |  |  |  |  |
| 37 | Make Video | | Took several tries to make a short enough video. Finished video | 45 minutes | 2/28/18 | D |  |  |  |  |  |
| 38 | Turn in IA | | Complete Record of tasks and uploaded all parts of the IA. | 30 minutes | 3/1/18 | All |  |  |  |  |  |