## Criterion B: Record of Tasks

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| Task Number | Planned Action | Planned Outcome | | | | | | | | Time Estimated | | | | | Target Completion Date | | | | Criterion | | |  |
|  | 1st meeting with client | Obtain information on problems, necessities, and discuss possible project ideas. | | | | | | | | 2 hour | | | | | 9/7/18 | | | | Appendix Resource, A | | |  |
|  | Meeting with supervisor | Approval of planned project and discuss possible ideas to execute. | | | | | | | | 30 minutes | | | | | 9/10/18 | | | | Appendix Resource, A | | |  |
|  | Create diagram design for program | Visual representation of program to illustrate to client | | | | | | | | 2 hour | | | | | 9/12/18 | | | | B | | |  |
|  | 2nd meeting with client  (email) | Approval for the design of program and functions | | | | | | | | 1 hour | | | | | 9/13/18 | | | | Appendix Resource,  B | | |  |
|  | Create Item class | Accessible Item class with inputs for name, category, stock, usage, and comments. Appropriate get methods. | | | | | | | | 2 hours | | | | | 9/15/18 | | | | C | | |  |
|  | Create Methods class with File writing/editing capabilities | Creates new text file to store/edit data. | | | | | | | | 2 hours | | | | | 9/15/18 | | | | C | | |  |
|  | Create MainMenu class with GUI components according to diagram design. | Basic outline of GUI class for MainMenu. | | | | | | | | 2 hours | | | | | 9/16/18 | | | | C | | |  |
|  | Add adding, editing, deleting, and searching methods in Methods class | Helper methods to add, edit, delete, and search Items from database. | | | | | | | | 5 hours | | | | | 9/18/18 – 9/25/18 | | | | C | | |  |
|  | Add sorting methods in Methods class | Sorting options to sort by name, category, stock and usage. | | | | | | | | 2 hours | | | | | 9/27/18 – 9/30/18 | | | | C | | |  |
|  | Create Add GUI class | Add an Item to database using user input from a GUI window. | | | | | | | | 2 hours | | | | | 10/2/18 | | | | C | | |  |
|  | Create Delete button function | Deletes an Item from both the text file database and updates data in JTable. | | | | | | | | 2 hours | | | | | 10/3/18 | | | | C | | |  |
|  | Create Edit button function | Edits a selected Item chosen from JTable using user input from a GUI window. | | | | | | | | 2 hours | | | | | 10/4/18 | | | | C | | |  |
|  | Create Search button and textbox function | Searches for Items in the database using input from textbox. | | | | | | | | 2 hours | | | | | 10/6/18 | | | | C | | |  |
|  | Create combo box with different Sort options | Sorts the data in the MainMenu according to the selected sorting option. | | | | | | | | 1 hour | | | | | 10/6/18 | | | | C | | |  |
|  | Create Refresh button | Refreshes MainMenu to reorder Items and refreshes the application | | | | | | | | 1 hour | | | | | 10/6/18 | | | | C | | |  |
|  | Error handling and case testing for all methods | Double check program’s functions and test case different scenarios. | | | | | | | | 4 hours | | | | | 10/7/18 -10/12/18 | | | | C | | |  |
|  | 3rd meeting with client | Demonstrate how program functions, gain client response, and discuss possible functions to improve or add on. | | | | | | | | 1 hour | | | | | 10/14/18 | | | | Appendix Resource | | |  |
|  | Adding a button to create a new text file based off of current sorted Item list in JTable | Response to client’s desire to have an easily printable list based off of sorted options. | | | | | | | | 2 hours | | | | | 10/15/18 - 10/19/18 | | | | C | | |  |
|  | Error handling and case testing for all methods | Appropriately test case the program and correct any mistakes new changes may have made. | | | | | | | | 2 hours | | | | | 10/24/18 | | | | C | | |  |
|  | Record video of program | Complete product video going over different functions of program. | | | | | | | | 30 minutes | | | | | 10/28/18 | | | | D | | |  |
|  | 4th meeting with client | Send client finalized version. Review newest function of program. Client review after weeks of testing. Discuss areas for improving. | | | | | | | | 2 hours | | | | | 11/10/18 | | | | Appendix Resource, E | | |  |
|  | Consider client feedback and personal evaluation | Write up personal evaluation of program using client feedback. Plan future updates for program. | | | | | | | | 3 hour | | | | | 11/15/18 | | | | E | | |  |
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