91896 - Testing Document

**Unit Testing**

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| User\_menu | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
| 17/6 | The Menu runs properly, that all the buttons appear with the welcome message | Expected | Pressing the start button (nothing) | That the menu should run properly, with a welcome message | No buttons appeared. | I wrote the wrong list in the code, so it looped through an empty list instead of looping through the possible options the user can choose, so no options were added to the menu. Changing the list allowed it to loop properly and display the buttons on the menu |
| 17/6 | The Menu runs properly, that all the buttons appear with the welcome message | Expected | Pressing the start button (nothing) | That the menu should run properly, with a welcome message | The buttons appear and the menu displays properly | N/A |
| 17/6 | That the Exit button works properly, and that the program will exit even if the user presses the ‘x’ button or the exit button | Expected | Pressing the Exit button | The program should close without re-appearing | The program exited without re-opening, and the code completely stopped. | N/A |
| Pressing the ‘X’ button |
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| Integer\_validation | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
| 18/6 | Seeing if my Integer Validation Function works, seeing if it returns the correct values. It should check if the value is an integer and if it between a certain range. | Valid | I input the number 2 | ‘True’ – Saying that the input value works (Is an integer) with the function | ‘True’ | N/A |
| Valid | I input the number 1 | ‘True’ – Saying that the input value works (Is an integer) with the function | It returned “Please input a number between 1 and 3!” | Added a +1 and -1 when comparing because the less than or equal to does not work. |
| Invalid | I type in ‘hi’ | Should return ’Please input a number!’ | It caught the error and gave the response “Please input a number!” | N/A |
| Boundary | I typed in “4”, when the expected range is between 1 and 3 | The program should return “Please input a number between 1 and 3!” | It returned “Please input a number between 1 and 3!” | N/A |
| I typed in “0”, when the expected range is between 1 and 3 | The program should return “Please input a number between 1 and 3!” | It returned “Please input a number between 1 and 3!” | N/A |
| 18/6 | Seeing if my Integer Validation Function works, with the correct range (after the fix). | Valid | I input the number 1 | ‘True’ – Saying that the input value works (Is an integer) with the function | ‘True’ – Saying that the input value works (Is an integer) with the function | N/A |
| I input the number 2 |
| I input the number 3 |
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| Create\_new\_task | | | | | | |
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| NAME Function/ Feature | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
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| NAME Function/ Feature | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
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*Continue the same format for all functions and features*

**System Testing**

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| Whole Program | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
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