91896 - Testing Document

**Unit Testing**

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| --- | --- | --- | --- | --- | --- | --- |
| Main Menu | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
| 18/06 | The easygui choice box | Expected | Closing the choice box using either the x or the “cancel” button | The box closes | The box closes, but because of a loop reopens | Have it break the loop when we close the menu |
| “” | “” | “” | “” | “” | Works now | n/a |
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| Search Function | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
| 18/06 | Searching for a user with a j in their name | expected | “j” | Jane Love and John Smith in a list | Program crashes due to iterating through a string instead of the original dictionary | Calling the dictionaries through a separate variable |
| “” | “” | “” | “” | “” | Unbound error | Use local variables within the function instead of global variable which breaks it |
| “” | “” | “” | “” | “” | Jane Love and John Smith in a list | n/a |
| 23/06 | Detailed view of full dictionary thing | Expected | “next” | Gives output and scrolls to the next page | Crashes due to list indice being a string | Use a for loop and use the for loop variable as opposed to a list(loop vairable) |
| 24/06 | “” | “” | “” | “” | Works as expected | n/a |
| 24/06 | Exiting detailed view halfway | Expected | exit | Stops the detailed view and goes to the main menu | Displays the same detailed view page twice then exits to main menu | Run the function in the if statement only, don’t run it again |
| 25/06 | “” | “” | “” | “” | Exits immediately | n/a |
| 26/06 | Page index title in detailed view | expected | none | I should see x of y in the title, where x is the current page and y is the total number of pages | Y works as intended, but x is a local variable and would therefore stay at one | Pass a new variable as a parameter through fancy output function |
| 26/06 | “” | “” | “” | “” | “” | Need to also pass the variable through search function, as doing var += 1 makes it local for some reason |
| 26/06 | “” | “” | “” | “” | Works now | n/a |
| 26/06 | All the titles within the search function | expected | none | I should see the title of all the easy gui messages | All the pages had the right titles | n/a |
| 26/06 | A bunch of spaces before and after a query | invalid | “ jane ” | “jane love” | “jane love” | n/a |
| 26/06 | Exiting at any point during the search | invalid | Exit/cancel | Exit to main menu | Worked for all interfaces apart from the enter query | Add validation so that a blank string will count as an exit to menu |
| 26/06 | “" | “” | “” | “” | No results found page | Add validation for None |
| 26/06 | “” | “” | “” | “” | “” | Stop making the query force the input into a string |
| 26/06 | “” | “” | “” | “” | Works as intended | n/a |
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| Fancy output | | | | | | |
| Date | What is being tested | Test Type | Test Value | Expected Result | Actual Result | How it was fixed |
| 24/06 | Button box options | expected | “exit” | It would close the outputs midway | It would continue to display, the eixt button works as a next button | Have the function return nothing in the elif statement |
| “” | “” | “” | “” | “” | “” | Have the function return the user choice and stop the next pages from displaying in the other functions that use fancy output |
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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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