**Test 2 - Test Log**

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| **Description of test** | **Test data to be used (if required)** | **Expected outcome** | **Actual outcome** | **Comments and intended actions** |
| **Attempting to run the code** | **None** | **Code compiles** | **[ was not closed error on the houses variable** | **added comma after 3, 'Semi-Detatched', and 'Terraced'** |
| **Attempting to select show sales** | **Selection value of 5** | **Runs the show\_sales() function** | **Nothing happens** | **Added an elif for the show\_sales() function because 5 was not being checker for before** |
| **Attempting to select show sales** | **None** | **Outputs sales information** | **‘sold’ is not defined error** | **Added sold as an argument** |
| **Attempting to select show sales** | **None** | **Displays sales and information** | **Code fails as no parameters are being passed when calling the function** | **Added input parameter to show\_sales()** |
| **Attempting to input a string** | **“One”** | **Informs the user that they must only input numbers** | **ValueError: invalid literal for int() with base 10: 'one'** | **Added try-except statement to catch Value Errors and to ask the user to only input numbers** |
| **Attempting to input a float** | **5.5** | **Informs the user that they must only input integers** | **Tells the user they must only input integers** | **Working as intended** |
| **Attempting to exit the program** | **6** | **Safely exits the program without errors** | **Nothing happens, code continues** | **Added menu selection 6 which safely exits the program** |
| **Attempting to select a number greater than 6** | **10** | **Tells the user they can only input a number that is 1-6** | **Nothing happens, code continues** | **Added check for if the selected option is in range** |
| **Attempting to input a number less than zero** | **-3** | **Tells the user to only input integers between 1 and 6** | **Prompts the user correctly** | **Working as intended** |
| **Attempting to select “Add a new property for sale”** | **4** | **Runs a function for the user to list a new property for sale** | **Function does not exist** | **Added function that lets the user add new properties for sale** |
| **Attempting to search for available houses in a region** | **2** | **Listing the available regions and prompting the user to select one** | **Prints an empty list** | **Added ‘not’ in the if-statement as we are appending x to the list if it’s not there, the old code was trying to append if it was already there** |
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| **Testing the record a sale function** | **2**  **Forename: Soap**  **Surname: Roberts**  **Property: 2** |  | **IndexError: Replacement index 0 out of range for positional args tuple** | **Changed the print statement to being an f-string for better formatting. Also fixed total calculation by adding sub\_total and total\_fees together. Changed houses[select] to houses[select-1] so it now selects the correct property** |
| **Attempted to add a new property** | **4** | **Begins the process for the user to add a new property listing** | **Nothing happens, there is no function to be called** | **Added function called add\_new\_property() to handle the addition of new properties into the database. After modification: now working as intended!** |