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| **Project:** WhatABook Program |  |
| **Course:** CYBR410-T303 Data/Database Security |  |
| **Description:** The application accesses a bookstore database |  |
| **Date:** 2023/08/08 |  |
| **Version:** v.1.0 |  |

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| Test 1 | **<View Books Menu Option>** | | | |
|  | **Test Objective:** Verifies functionality of View book menu option | **Developer: James Craig**  **Date tested:** 2023/08/08 | **Peer tester: James Vaughan**  **Date tested: 2023/08/12** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Launch Application | Connects to the database and displays WhataBook menu to the user | yes | Yes |
| 2 | Type 1 and press enter | Displays a list of all books within the database to the user | yes | Yes |
| 3 | Press enter to return to the previous menu | Displays the main menu to the user | yes | Yes |
| 4 | Type an invalid menu option that is not 1, 2, 3, or 4 and press enter | The application displays a message stating input was invalid and shows the main menu again | yes | Yes |
| 5 | Press 4 and enter to exit the application | Application terminates | yes | Yes |
| **Comments** | I really liked the formatting of your menus. It was clear you put active effort into making it look nice! The flow of the application is great. As a user, I am never left wondering what just happened. Very solid. | | | |

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| Test 2 | **< View Store Locations Menu Option >** | | | |
|  | **Test Objective: Verifies functionality of the view store locations menu option** | **Developer: James Craig**  **Date tested:** 2023/08/08 | **Peer tester: James Vaughan**  **Date tested: 2023/08/12** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Launch Application | Connects to the database and displays WhataBook menu to the user | yes | Yes |
| 2 | Type an invalid menu option that is not 1, 2, 3, or 4 and press enter | The application displays a message stating input was invalid and shows the main menu again | yes | Yes |
| 3 | Type 2 and press enter | Displays a list of all stores within the database to the user | yes | Yes |
| 4 | Press enter to return to the previous menu | Displays the main menu to the user | yes | Yes |
| 5 | Press 4 and enter to exit the application | Application terminates | yes | Yes |
| **Comments** | As mentioned, all of the functionality is there, and extra effort was put into application flow and user guidance. | | | |

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| Test 3 | **< My Account User Validation>** | | | |
|  | **Test Objective: Test My Account menu user inputs to verify functionality** | **Developer: James Craig**  **Date tested:** 2023/08/08 | **Peer tester: James Vaughan**  **Date tested: 2023/08/12** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Launch Application | Connects to the database and displays WhataBook menu to the user | yes | Yes |
| 2 | Type 3 and press enter | Displays Account login screen to prompt user for their ID | yes | Yes |
| 3 | Enter an invalid input for the user id | Print a message to the user that the user id was not found. | yes | Yes |
| 4 | Enter valid user id: 7821 | Welcomes the found user Emily Johnson and displays my account menu | yes | Yes |
| 5 | Enter q to quit the account login/validation screen | Returns the user to the previous main menu | yes | Yes |
| **Comments** | I tried interacting with the program before opening this template, so I expected user id’s of 1-3. I looked at the init and saw the values used. I’d say the instructor wanted us to use values of 1-3 for the sake of simplifying testing. In a production environment, the verification process would obviously have to be more robust, and I feel like you were trying to take it in that direction. While that is more realistic, if the instructor does test the final submission, I think they will want the ‘default’ 1-3 values. | | | |

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| Test 4 | **<View Wishlist menu option>** | | | |
|  | **Test Objective: Test functionality of the View Wishlist menu option** | **Developer: James Craig**  **Date tested:** 2023/08/08 | **Peer tester: James Vaughan**  **Date tested: 2023/08/12** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Launch application | Connects to the database and displays WhataBook menu to the user | yes | Yes |
| 2 | Type 3 and press enter | Displays Account login screen to prompt user for their ID | yes | Yes |
| 3 | Type 5862 and press enter | Welcomes the found user Sophia Mitchell and displays my account menu | yes | Yes |
| 4 | Type 1 and press enter | Displays Sophia Mitchel’s Wishlist in alphabetically order which has one book: Echoes of Eternity. | yes | Yes |
| 5 | Press enter and press option 3 to return to the main menu | Returns the user to the account menu and then to the main menu | yes | Yes |
| **Comments** | I noticed that you did use a pretty sophisticated (by my standards at least) query to produce the wishlist, and to show valid options to be added to the wishlist. VERY cool! It is clear that a good deal of thought was put into the queries as well as the python code. It was a treat to read through it and interact with it. | | | |

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| Test 5 | **<Add Book To Wishlist>** | | | |
|  | **Test Objective: Test the functionality of the add book to wish list account menu option** | **Developer: James Craig**  **Date tested:** 2023/08/08 | **Peer tester: James Vaughan**  **Date tested: 2023/08/12** | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Launch application and Type 3 and press enter | Connects to the database and displays WhataBook menu to the user. Then displays the Account login screen to prompt users for their ID | yes | Yes |
| 2 | Type 3498 and press enter | Welcomes the found user Benjamin Clarke and displays my account menu | yes | Yes |
| 3 | Type 1 and press enter. | Displays Benjamin Clarke’s Wishlist which has one book: Midnight Melodies | yes | Yes |
| 4 | Press enter to return to the account menu and then press 2 to enter the add book to wish list menu | Display a list of available books in alphabetical order for the user that is not currently on their wish list. All books except Midnight Melodies should be listed here. | yes | Yes |
| 5 | Press 3 and enter to select the 3rd book Infinite Possibilities to add to the wish list. Then press enter and press 1 and enter to display the updated wish list. | Display a message confirming the addition of Infinite Possibilities to the wish list. Returns to the previous menu. Then displays the updated wish list for Benjamin Clarke in alphabetical order it should list Infinite Possibilities first and Midnight Melodies after. | yes | Yes |
| **Comments** | As mentioned before, the program has a very dynamic feel to it because of how well structured the code is (sql and python). The program, and particularly the account menu, does a great job of walking the user through, letting them know what has happened, and letting them know what to expect next. Well done. | | | |