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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 |  |

**TABLE OF CONTENTS**

[**< View Books Menu Option >** 2](#_Toc49413076)

[**< View Store Locations Menu Option >** 2](#_Toc49413077)

[**< My Account User Validation >** 3](#_Toc49413078)

[**< View Wishlist menu option >** 3](#_Toc49413079)

[**< Add Book To Wishlist >** 4](#_Toc49413080)

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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:**  **Date tested:** <yyyy/mm/dd> | |
| **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/no> |
| 2 | Type 1 and press enter | Displays a list of all books within the database to the user | yes | <yes/no> |
| 3 | Press enter to return to the previous menu | Displays the main menu to the user | yes | <yes/no> |
| 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/no> |
| 5 | Press 4 and enter to exit the application | Application terminates | yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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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:**  **Date tested:** <yyyy/mm/dd> | |
| **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/no> |
| 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/no> |
| 3 | Type 2 and press enter | Displays a list of all stores within the database to the user | yes | <yes/no> |
| 4 | Press enter to return to the previous menu | Displays the main menu to the user | yes | <yes/no> |
| 5 | Press 4 and enter to exit the application | Application terminates | yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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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:**  **Date tested:** <yyyy/mm/dd> | |
| **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/no> |
| 2 | Type 3 and press enter | Displays Account login screen to prompt user for their ID | yes | <yes/no> |
| 3 | Enter an invalid input for the user id | Print a message to the user that the user id was not found. | yes | <yes/no> |
| 4 | Enter valid user id: 7821 | Welcomes the found user Emily Johnson and displays my account menu | yes | <yes/no> |
| 5 | Enter q to quit the account login/validation screen | Returns the user to the previous main menu | yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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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:**  **Date tested:** <yyyy/mm/dd> | |
| **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/no> |
| 2 | Type 3 and press enter | Displays Account login screen to prompt user for their ID | yes | <yes/no> |
| 3 | Type 5862 and press enter | Welcomes the found user Sophia Mitchell and displays my account menu | yes | <yes/no> |
| 4 | Type 1 and press enter | Displays Sophia Mitchel’s Wishlist in alphabetically order which has one book: Echoes of Eternity. | yes | <yes/no> |
| 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/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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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:**  **Date tested:** <yyyy/mm/dd> | |
| **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/no> |
| 2 | Type 3498 and press enter | Welcomes the found user Benjamin Clarke and displays my account menu | yes | <yes/no> |
| 3 | Type 1 and press enter. | Displays Benjamin Clarke’s Wishlist which has one book: Midnight Melodies | yes | <yes/no> |
| 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/no> |
| 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/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |