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| **Project:** What A Book |  |
| **Course:** CYBR 410 – Data/Database Security |  |
| **Description:** Create the “What A Book” Database |  |
| **Date:** 08/11/2022 |  |
| **Version:** 2 |  |

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| Test 1 | **Building the Database with provided SQL script** | | | |
|  | **Test Objective:** Script runs without error | **Developer: Daniel Walk**  **Date tested:** 08/11/2022 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Run Script | Database created without error; One warning about creation of user with 1 factor authentication method | Yes | <yes/no> |
| 2 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 3 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 4 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 5 | <Enter an action> | <Enter the expected results> | <yes/no> | <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 | **Action Menu: Main Options** | | | |
|  | **Test Objective: No user input results in error or unintended application exit** | **Developer: Daniel Walk**  **Date tested:** 08/11/2022 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Run code | “Action Menu” displayed; 4 options; requests input | Yes | <yes/no> |
| 2 | User provides 1 as input | Books are displayed with about ¼ second between; Action Menu is displayed again. | Yes | <yes/no> |
| 3 | User provides 2 as input | Store location are displayed; action menu displayed again | Yes | <yes/no> |
| 4 | User provides any letter or other character as input | Program indicates invalid input and requests another input | Yes | <yes/no> |
| 5 | User provides 4 as input | Application exits | Yes | <yes/no> |
| 6 | User provides 3 as input | Action menu with options 5-8 displayed | Yes |  |
| **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 | **Option 5: Show User Data** | | | |
|  | **Test Objective: User data is displayed** | **Developer: Daniel Walk**  **Date tested:** 08/11/2022 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | User provides 5 as input | Three users displayed | YES | <yes/no> |
| 2 | User provides valid user ID as input | Registered user information is displayed; main action menu is displayed | YES | <yes/no> |
| 3 | User provides invalid user ID as input | User is informed of invalid input and requested to provide valid input | YES | <yes/no> |
| 4 |  |  | <yes/no> | <yes/no> |
| 5 |  |  | <yes/no> | <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 | **Option 6: Show User Wishlist** | | | |
|  | **Test Objective: User wishlist is displayed** | **Developer: Daniel Walk**  **Date tested:** 08/11/2022 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | User enters 6 as valid input | Registered users displayed; input requested | YES | <yes/no> |
| 2 | User provides valid user ID as input | Registered user wishlist is displayed; main action menu is displayed; application returns to main menu | Yes | <yes/no> |
| 3 | User provides invalid user ID as input | User is informed of invalid input and requested to provide valid input | Yes | <yes/no> |
| 4 |  |  | <yes/no> | <yes/no> |
| 5 |  |  | <yes/no> | <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 | **Option 7: Add an item to a registered user wishlist** | | | |
|  | **Test Objective: Item is added to user wishlist** | **Developer: Daniel Walk**  **Date tested:** 08/11/2022 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | User provides 7 as input | Registered users are displayed, and input is requested | Yes | <yes/no> |
| 2 | User provides valid user ID as input | 7 books are displayed; user input is requested | Yes | <yes/no> |
| 3 | Valid book ID is input | Applications returns to main menu; user may navigate to updated wishlist | Yes | <yes/no> |
| 4 | Invalid book ID is input | User is informed of invalid input and requested to provide valid input | Yes | <yes/no> |
| 5 | <Enter an action> | <Enter the expected results> | <yes/no> | <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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