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| **Project:** | Whatabook Application |
| **Course:** | CSD 310 Database Development and Use |
| **Description:** | Whatabook program |
| **Date:** | 2021/05/11 |
| **Version:** | 1 |

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| Test 1 | **View a list of in-store books.** | | | |
|  | **Test Objective:** Verify that a user can view a listing of in-store books using the provided SQL base database. | **Developer:**  **Date tested:** 2021/05/11 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Run what\_a\_book.py | Main menu on screen | yes | <yes/no> |
| 2 | Enter “1” press enter | Listing of 9 books on screen | yes | <yes/no> |
| 3 | Enter a letter press enter | Program prompts to try again | yes | <yes/no> |
| 4 | Enter a number > 4 or 0 | Main menu or prompt to try again | yes | <yes/no> |
| 5 | Enter “4” press enter | Very program stops | 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 location and hours.** | | | |
|  | **Test Objective:** Verify that a user can view the store location and hours | **Developer:**  **Date tested:** 2021/05/11 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Run what\_a\_book.py | Main menu on screen | yes | <yes/no> |
| 2 | Enter “2” press enter | Displays store address and hours | yes | <yes/no> |
| 3 | None | Displays 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 3 | **Customer account menu operation** | | | |
|  | **Test Objective:** Verify operation of customer menu operations | **Developer:**  **Date tested:** 2021/05/11 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Enter “3” press enter to select my account | Program prompts for a customer id | yes | <yes/no> |
| 2 | Enter “1” press enter to select the first customer id | Program displays customer menu | yes | <yes/no> |
| 3 | Enter “1” press enter to select customer wishlist | Program will display “The Hobbit” on the customers wishlist. Customer menu is displayed | yes | <yes/no> |
| 4 | Enter “2” press enter to for add book to wishlist. | Program will display a listing of available except book on customer 1 wishlist | yes | <yes/no> |
| 5 | Enter “1” press enter to add book\_id 1 to the customer wishlist | Program confirms book\_id 1 was added to customer wishlist and returns to customer menu | yes | <yes/no> |
| 6 | Enter “1” press enter to verify that book\_id 1 was added to the wishlist | Two books will be displayed, “The Hobbit” and “Return of the King” and program returns to the customer menu. | yes | <yes/no> |
| 7 | Enter “3” press enter to return to main menu. | Program returns to 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 | **Customer account error check** | | | |
|  | **Test Objective:** Verify invalid entries do not create a runtime error and terminate the program | **Developer:**  **Date tested:** 2021/05/11 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Enter “3” press enter to select my account | Program prompts for a customer id | yes | <yes/no> |
| 2 | Enter “1” press enter to select the first customer id | Program displays customer menu | yes | <yes/no> |
| 3 | Enter a letter press enter | Program prompts to try again | yes | <yes/no> |
| 4 | Enter a number > 3 or 0 | Customer menu or prompt to try again | yes | <yes/no> |
| 5 | Enter “3” press enter to return to main menu. | Program returns to 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 | **Verify wishlist after app close and run** | | | |
|  | **Test Objective:** Verifies that program runs and wishlist remains updated following test 3 | **Developer:**  **Date tested:** 2021/05/11 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Enter “4” press enter | Very program stops | yes | <yes/no> |
| 2 | Run what\_a\_book.py | Main menu on screen | yes | <yes/no> |
| 3 | Enter “3” press enter to select my account | Program prompts for a customer id | yes | <yes/no> |
| 4 | Enter “1” press enter to select the first customer id | Program displays customer menu | yes | <yes/no> |
| 5 | Enter “1” press enter to verify that book\_id 1 was added to the wishlist | Two books will be displayed, “The Hobbit” and “Return of the King” and program returns to the customer menu. | yes | <yes/no> |
| 6 | Enter “3” press enter to return to main menu. | Program returns to main menu | yes | <yes/no> |
| 7 | Enter “4” press enter | Very program stops | yes | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |