Practical task 3 test plan

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| Test Item | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Menu System | 1 | Goes to method to input book details | √ |  |
| 45 | Displays “Please enter a valid option or enter 6 to exit the program” | √ |  |
| “abc” | Display “Not an integer. Please try again” | √ |  |
| 2 | Goes to method to sort book by price and display the sorted book list | √ |  |
| 3 | Goes to method to input book title | √ |  |
| 4 | Goes to method to input book ISBN | √ |  |
| 5 | Goes to method to display all book details | √ |  |
| 6 | Display “Are you sure you want to exit?” | √ |  |
| *[left blank]* | Display “Not an integer. Please try again” | √ |  |

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| Test Item Input Book Details | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| ISBN | 12345678 | Goes to method to input title | √ |  |
| *[left blank]* | Display “Please enter a valid ISBN!” | √ |  |
| “12aSd” | Display “Please enter a valid ISBN!” | √ |  |

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| Test Item Input Book Details | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Title | “Biggest deal” | Goes to method to input author first name | √ |  |
| *[left blank]* | Display “Please enter a valid title!” | √ |  |
| “12aSd” | Goes to method to input author first name | √ |  |

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| Test Item Input Book Details | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Author’s first name | 123456 | Display “Please enter a valid author first name!” | √ |  |
| “Smith” | Goes to method to input book price | √ |  |
| *[left blank]* | Display “Please enter a valid author first name!” | √ |  |

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| Test Item Input Book Details | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Author’s last name | 123456 | Display “Please enter a valid author last name!” | √ |  |
| “Smith” | Goes to method to input book price | √ |  |
| *[left blank]* | Display “Please enter a valid author last name!” | √ |  |

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| Test Item Input Book Details | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Price | 1234 | Goes to method to choose option | √ |  |
| 2.6532112 | Goes to method to choose option | √ |  |
| “Smith12” | Display “Not a floating point value.  Please try again” | √ |  |
| *[left blank]* | Display “Not a floating point value.  Please try again” | √ |  |

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| Test Item | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Sort – when no book information in the list |  | Display “There are no books in the catalog” | √ |  |

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| Test Item | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Search | “Dream” | Display “1400082773, Dreams from My Father, Obama, Barrack $24.99” | √ |  |
| “dream” | Display “1400082773, Dreams from My Father, Obama, Barrack $24.99” | √ |  |
| *[left blank]* | Display “Please enter a valid title!” | √ |  |

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| Test Item | Test Data | Expected Result | Actual Result | Description of test (if applicable) |
| Delete | “1400082773” | Display “1400082773, Dreams from My Father, Obama, Barrack $24.99  Are you sure you want to delete this book?” | √ |  |
| *[left blank]* | Display “Please enter a valid ISBN!” | √ |  |
| “Yes” | Display “Book HAS been deleted” | √ |  |
| “No” | Display “Book has NOT been deleted” | √ |  |