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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |



**HACETTEPE UNIVERSITY
DEPARTMENT OF COMPUTER ENGINEERING
BBM 487:SOFTWARE ENGINEERING LABORATORY**

Group Number:5

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|--|----------|----------|
| Test Name | <1.1> - <Login Page for correct input>: | | | |
| Use Case Tested: | Login | | | |
| Test Description: | The user has to login to the system except to search for books. User, entered the system to system username and password. If information is true, user entered system. | | | |
| Pre-conditions | The program is run and the login screen is opened. The user enters the username and password and presses the login button. | | | |
| Post-conditions | The user logs in and the system displays the main customer or librarian window. | | | |
| Notes: | Username: valid Password: valid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user enters the system via the web. | The user displays the login page. | + | |
| 2. | Login with username and password. | The user logs in to the system and displays the main page. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | <1.2> - <Login Page for uncorrected input>: | | | |
| Use Case Tested: | Login | | | |
| Test Description: | The user has to login to the system except to search for books. When the information is false system given error message. | | | |
| Pre-conditions | The program is run and the login screen is opened. The user enters the username and password and presses the login button. | | | |
| Post-conditions | The system give an error message. | | | |
| Notes: | Username or Password: invalid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user enters the system via the web. | The user displays the login page. | + | |
| 2. | Login with username and password. | The system will give an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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| Test Name | <2.1> - <Logout>: | | | |
| Use Case Tested: | Logout | | | |
| Test Description: | User clicks the “Logout” button. | | | |
| Pre-conditions | The user is logged in and pressed the logout button. | | | |
| Post-conditions | Login page is opened. | | | |
| Notes: | N/A | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user prints the logout button. | The user is redirected to the login page. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|---|----------|----------|
| Test Name | <3.1> - <Search for Books for Customer correct input>: | | | |
| Use Case Tested: | Search for Books | | | |
| Test Description: | The user can search for books logging into the system. | | | |
| Pre-conditions | The search for books window is opened. The search criteria are entered and the search button is clicked. | | | |
| Post-conditions | The system displays the search result according to the search criteria. | | | |
| Notes: | Barcode valid, Author name valid, Publisher valid, Date edition valid, Type valid. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user logs in to the system. | The user is redirected to the book main page. | + | |
| 2. | The user clicks on the search for books button. | The user is redirected to the book search page. | + | |
| 3. | The user searches according to the desired criterion. | The user searched books for your search criteria. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

| Test Name | <3.2> - <Search for Books for Customer uncorrected input>: | | | |
|--|--|---|---|---|
| Use Case Tested: | Search for Books | | | |
| Test Description: | The user can search for books logging into the system. | | | |
| Pre-conditions | The search for books window is opened. The search criteria are entered and the search button is clicked. | | | |
| Post-conditions | The system displays the message of no book found. | | | |
| Notes: | book is invalid. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user logs in to the system. | The user is redirected to the book main page. | + | |
| 2. | The user clicks on the search for books button. | The user is redirected to the book search page. | + | |
| 3. | The user searches according to the desired criterion. | System gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|---|----------|----------|
| Test Name | <3.3> - <Search for Books for not logged-in user correct input>: | | | |
| Use Case Tested: | Search for Books | | | |
| Test Description: | The user can search for books without logging into the system. | | | |
| Pre-conditions | The search for books window is opened. The search criteria are entered and the search button is clicked | | | |
| Post-conditions | The system displays the search result according to the search criteria. | | | |
| Notes: | Barcode valid, Author name valid, Publisher valid, Date edition valid, Type valid. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user entered the system via the web. | The user is redirected to the system. | + | |
| 2. | The user clicks on the search for books button. | The user is redirected to the book search page. | + | |
| 3. | The user searches according to the desired criterion. | The user searched books for your search criteria. | + | |

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|-------------|-------------------|
| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

| Test Name | <3.4> - <Search for Books for not logged-in user uncorrected input>: | | | |
|--|--|---|---|---|
| Use Case Tested: | Search for Books | | | |
| Test Description: | The user can search for books without logging into the system. | | | |
| Pre-conditions | The search for books window is opened. The search criteria are entered and the search button is clicked. | | | |
| Post-conditions | The system displays the message of no book found. | | | |
| Notes: | Book is invalid. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user entered the system via the web. | The user is redirected to the system. | + | |
| 2. | The user clicks on the search for books button. | The user is redirected to the book search page. | + | |
| 3. | The user searches according to the desired criterion. | System gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|--|----------|----------|
| Test Name | <4.1> - <Create customer>: | | | |
| Use Case Tested: | Manipulate Customer | | | |
| Test Description: | Admin can add user. For this you have to login to the system. | | | |
| Pre-conditions | Admin must be logged in. | | | |
| Post-conditions | User can be added. | | | |
| Notes: | User name: valid, Password: valid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click create customer button. | The librarian is redirected to create customer part. | + | |
| 3. | Librarian enters the user information. | User information is stored in the database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|--|----------|----------|
| Test Name | <4.2> - <Create customer with existing username>: | | | |
| Use Case Tested: | Manipulate Customer | | | |
| Test Description: | Admin can add user. For this you have to login to the system. | | | |
| Pre-conditions | Admin must be logged in. | | | |
| Post-conditions | Programs give an error message. | | | |
| Notes: | User name invalid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click create customer button. | The librarian is redirected to create customer part. | + | |
| 3. | Librarian enters the user information. | Program gives an error message. | + | |

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|-------------|-------------------|
| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | Manipulate Customer | | | |
| Use Case Tested: | <4.3> - <Update customer>: | | | |
| Test Description: | Admin can update user information. For this you have to login to the system. | | | |
| Pre-conditions | Admin must be logged in. | | | |
| Post-conditions | User information is updated. | | | |
| Notes: | User name: valid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click update customer button. | The librarian is redirected to update customer part. | + | |
| 3. | Librarian enters the user information. | User information is stored in the database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | Manipulate Customer | | | |
| Use Case Tested: | <4.4> - <Update customer with existing username>: | | | |
| Test Description: | Admin can update user information. For this you have to login to the system. | | | |
| Pre-conditions | Admin must be logged in. | | | |
| Post-conditions | Programs give an error message. | | | |
| Notes: | User name invalid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click update customer button. | The librarian is redirected to update customer part. | + | |
| 3. | Librarian enters the user information. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | Manipulate Customer | | | |
| Use Case Tested: | <4.5> - <Delete customer>: | | | |
| Test Description: | Admin can delete user information. For this you have to login to the system. | | | |
| Pre-conditions | Admin must be logged in. | | | |
| Post-conditions | User information is deleted. | | | |
| Notes: | User name: valid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click delete customer button. | The librarian is redirected to delete customer part. | + | |
| 3. | Librarian enters the user information. | User information is deleted in database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | Manipulate Customer | | | |
| Use Case Tested: | <4.6> - <Delete customer with existing username>: | | | |
| Test Description: | Admin can delete user information. For this you have to login to the system. | | | |
| Pre-conditions | Admin must be logged in. | | | |
| Post-conditions | Programs give an error message. | | | |
| Notes: | User name invalid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click delete customer button. | The librarian is redirected to delete customer part. | + | |
| 3. | Librarian enters the user information. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | <5.1> - < Create Book >: | | | |
| Use Case Tested: | Manipulate book | | | |
| Test Description: | When the librarian click “add new book” button and fill the book information adds a new book, it saved with the database with the information. | | | |
| Pre-conditions | Librarian must be login. | | | |
| Post-conditions | Book is created | | | |
| Notes: | Librarian must click add create book button and fill all information. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click create book button. | The librarian is redirected to create book part. | + | |
| 3. | Librarian enters the book information. | This information is stored in database. | + | |

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| Test Name | <5.2> - < Create Book with existing book >: |
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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|---|--|--|----------|----------|
| Use Case Tested: | Manipulate book | | | |
| Test Description: | When the librarian click “add new book” button and fill the book information adds a new book, it saved with the database with the information. | | | |
| Pre-conditions | Librarian must be login. | | | |
| Post-conditions | Program gives an error message. | | | |
| Notes: | Librarian must click add create book button and fill all information. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click create book button. | The librarian is redirected to create book part. | + | |
| 3. | Librarian enters the book information. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | <5.3> - < Update Book >: | | | |
| Use Case Tested: | Manipulate book | | | |
| Test Description: | When the librarian click “update book” button and book update to the system. | | | |
| Pre-conditions | Librarian must be logged in. | | | |
| Post-conditions | Book is updated in the system. | | | |
| Notes: | Librarian must click updated book button and confirm this. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click update book button. | The librarian is redirected to update book part. | + | |
| 3. | Librarian enters the book information. | This information is stored in database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|--|----------|----------|
| Test Name | <5.4> - < Update Book with existing book name >: | | | |
| Use Case Tested: | Manipulate book | | | |
| Test Description: | When the librarian click “update book” button and change the book information update book information in the system. | | | |
| Pre-conditions | Librarian must be login. | | | |
| Post-conditions | Program gives an error message. | | | |
| Notes: | Librarian must click update book button and change book information. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click update book button. | The librarian is redirected to update book part. | + | |
| 3. | Librarian enters the book information. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|--|----------|----------|
| Test Name | <5.5> - < Delete Book >: | | | |
| Use Case Tested: | Manipulate book | | | |
| Test Description: | When the librarian click “delete book” button and fill the book information delete book, it saved with the database with the information. | | | |
| Pre-conditions | Librarian must be login. | | | |
| Post-conditions | Book is deleted. | | | |
| Notes: | Librarian must click delete book button and fill all information. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click delete book button. | The librarian is redirected to delete book part. | + | |
| 3. | Librarian enters the book information. | This information is stored in database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|---|---|--|----------|----------|
| Test Name | <5.6> - < Delete Book with existing book name >: | | | |
| Use Case Tested: | Manipulate book | | | |
| Test Description: | When the librarian click “delete book” button and fill the book information delete book, it saved with the database with the information. | | | |
| Pre-conditions | Librarian must be login. | | | |
| Post-conditions | Program gives an error message. | | | |
| Notes: | Librarian must click delete book button. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | Librarian click login button. | The librarian is redirected to the book main page. | + | |
| 2. | Librarian click delete book button. | The librarian is redirected to delete book part. | + | |
| 3. | Librarian enters the book information. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|--|----------|----------|
| Test Name | <6.1> - <Add name to book waiting list>: | | | |
| Use Case Tested: | Add name to book waiting list | | | |
| Test Description: | The user add name to book waiting list by clicking wait book button. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | Change the state of added book is not available. The user see the added book in waiting list. | | | |
| Notes: | User name: valid Password valid Add the book which state is available | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click add name to book waiting list button | The user is redirected to add name to waiting list part. | + | |
| 3. | User selects the book that wants to add. | This information is stored in database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|---|----------|----------|
| Test Name | <6.2> - <Add name to undefined book waiting list>: | | | |
| Use Case Tested: | Add name to book waiting list | | | |
| Test Description: | The user try to add name to book which does not in library. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | There is no changes of state of books. | | | |
| Notes: | User name: valid Password: valid Add the book which does not in library | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click add name to book waiting list button | The user is redirected to add name to waiting list part | + | |
| 3. | User selects the book that wants to add. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|---|----------|----------|
| Test Name | <6.3> - <Add name to book waiting list for guest>: | | | |
| Use Case Tested: | Add name to book waiting list | | | |
| Test Description: | The user which is called guest try to add name to waiting list by clicking wait book button. | | | |
| Pre-conditions | N/A | | | |
| Post-conditions | There is no changes of state of books. | | | |
| Notes: | Add the book waiting list by guest. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click add name to book waiting list button. | The user is redirected to add name to waiting list part | + | |
| 2. | User selects the book that wants to add. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|---|----------|----------|
| Test Name | <7.1> - <View my books>: | | | |
| Use Case Tested: | View My Books | | | |
| Test Description: | The user can view the self-borrowed books by clicking view my book button. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | The system show the list of books which borrowed from the user. | | | |
| Notes: | User name: valid Password: valid List the Self borrowed the books | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click view books button. | The user displays your books. | + | |

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| Test Name | <7.2> - <View my books which is empty list >: |
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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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| Use Case Tested: | View My Books | | | |
| Test Description: | The user can view the self-borrowed books by clicking view my book button. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | The system show the empty list. | | | |
| Notes: | User does not any borrowed books. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click view books button. | The user displays empty lists. | + | |

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| Test Name | <7.3> - <View my books for guest>: |
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|-------------|-------------------|
| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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| Use Case Tested: | View My Books | | | |
| Test Description: | The user which is called guest try to view self-borrowed books by clicking view my book button. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | There is no change of state of books. | | | |
| Notes: | View my books for the guest. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | The user enters the system via the web. | Users entered system for only search books. | + | |
| 2. | User click view books button. | System given an error messages. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|---|---|----------|----------|
| Test Name | <8.1> - <Issue late fine>: | | | |
| Use Case Tested: | Issue Late Fine | | | |
| Test Description: | The system adds fine amount to the user account, if the user did not deliver the book appointed time. | | | |
| Pre-conditions | User borrowed a book and did not deliver the book appointed time | | | |
| Post-conditions | User gets fine. | | | |
| Notes: | Control the appointed time and send notification. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click issue late fine button. | The user can view the debt for the book. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

| Test Name | <9.1> - <Pay Fine for sufficient money>: | | | |
|--|--|---|---|---|
| Use Case Tested: | Pay Fine | | | |
| Test Description: | The user may be able to pay for the delayed books. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | It is seen that the user pays the debt. | | | |
| Notes: | User name: valid Password: valid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click pay fine button. | The user is redirected to pay fine part. | + | |
| 3. | The user chooses for paid for the book. | The user will see the selected books. | + | |
| 4. | The user clicks the payment button. | Changes are saved in the system. | + | |

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|-------------|-------------------|
| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

| Test Name | <9.2> - <Pay Fine for insufficient money >: | | | |
|--|---|---|---|---|
| Use Case Tested: | Pay Fine | | | |
| Test Description: | The user may be able to pay for the delayed books but the money for the user's account may not be enough. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | It isn't seen that the user pays the debt. | | | |
| Notes: | User name: valid Password: valid | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click issue late fine button. | The user is redirected to pay fine part. | + | |
| 3. | The user chooses for paid for the book. | The user will see the selected books. | + | |
| 4. | The user clicks the payment button. | Program gives an error message. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|---|--|------------------------------|----------|----------|
| Test Name | <10.1> - < Notify Of Book Beeing Available >: | | | |
| Use Case Tested: | Notify Of Book Beeing Available | | | |
| Test Description: | If the book is returned by borrowed user system sends a notification to the first contact on the waiting list. | | | |
| Pre-conditions | One user must be self-returned the book. | | | |
| Post-conditions | The user who is first contact in the waiting list is informed. | | | |
| Notes: | Control waiting list and send notification. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | If the book is available, system send a notify. | System send a notify. | + | |

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|------------------|----------------------------|
| Test Name | <11.1> - <Self-Checkout >: |
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|-------------|-------------------|
| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

| | | | | |
|--|--|---|----------|----------|
| Use Case Tested: | Self-Checkout | | | |
| Test Description: | User take book with book' barcode number. Expected output is system adds book to user' list and shows user information message | | | |
| Pre-conditions | User must be login. | | | |
| Post-conditions | User borrow book | | | |
| Notes: | Valid barcode number | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click self-checkout button. | The user is redirected to self-checkout part. | + | |
| 3. | User choose book and click the borrow button. | This information is stored in database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

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|--|--|---|----------|----------|
| Test Name | <11.2> - <Self-Checkout for invalid barcode number>: | | | |
| Use Case Tested: | Self-Checkout | | | |
| Test Description: | User take book with book' barcode number. | | | |
| Pre-conditions | User must be login. | | | |
| Post-conditions | Program gives an error message. | | | |
| Notes: | invalid barcode number User can't borrow book with invalid barcode. | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page. | + | |
| 2. | User click self-checkout button. | The user is redirected to self-checkout part. | + | |
| 3. | User choose book and click the borrow button. | Program gives an error message. | + | |

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|-------------|-------------------|
| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

| | | | | |
|--|--|--|----------|----------|
| Test Name | <12.1> - <Self Return >: | | | |
| Use Case Tested: | Self-Return | | | |
| Test Description: | The user delivers the borrowed book by clicking self-return button. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | The delivered books get out in the view my book page of user. The book is available. | | | |
| Notes: | User name: valid Password: valid Choose the borrowed book | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page | + | |
| 2. | User click self-return button. | The user is redirected to self-return part. | + | |
| 3. | User choose book and click the borrow button. | This information is stored in database. | + | |

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| Test Script | |
| <Test Name> | Date: <dd/mmm/yy> |

| | | | | |
|--|--|--|----------|----------|
| Test Name | <12.2> - <Self Return for invalid book>: | | | |
| Use Case Tested: | Self-Return | | | |
| Test Description: | The users try to deliver the not borrowed book by clicking self-return button. | | | |
| Pre-conditions | User must be logged in. | | | |
| Post-conditions | There is no change of state of book. | | | |
| Notes: | User name: valid Password: valid Choose the not borrowed book | | | |
| Result (Pass/Fail/Warning/Incomplete) | Pass | | | |
| | TEST STEP | EXPECTED TEST RESULTS | P | F |
| 1. | User click login button. | The user is redirected to the book main page | + | |
| 2. | User click self-return button. | The user is redirected to self-return part | + | |
| 3. | User choose book and click the borrow button. | Program gives an error message. | + | |