<Library Book Loan System> Test Script	
< Library Book Loan System >	Date: <16/05/2017>

Department of Computer Engineering BBM487
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Library Book Loan System -Test Case Script
Documentation

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These test cases of our belted use cases are included.

Test Name	SearchBookTestCase
Use Case Tested:	SearchBook
Test Description:	Users or guests can reach the books that they want to reach or view via book search button
Pre-conditions	To search for a book, it must be entered as a system user or guest.
Post-conditions	To search for a book, the name of the book must be entered in the search button after entering the system.
Notes:	This process is available for both guest and registered user.
Result (Pass/Fail/Warning/Incomplete)	Pass

	TEST STEP	**EXPECTED TEST RESULTS**	**P**	**F**
1.	Entering a blank text instead of a book search	Sequential book standing	**Pass**	

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2.	Entering an appropriate text instead of a book search	Importing the appropriate book	**Pass**
3.	Searching for books from guest access	Allowed.	**Pass**

Test Data Table For "Search Book"		
	1	**2**
Text box (string)	Entire string set (except for special characters)	
Grid View	Columns for the book table drawn from the database	Id → int Other elements -> string

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Test Name	<AddBookTestCase>
Use Case Tested:	<Add Book>
Test Description:	An interface that the librarian will add books to the librarian input.
Pre-conditions	The librarian is required to login to the system.
Post-conditions	Information about the book is entered and confirmed to be registered on the system.
Notes:	This can only be done by the librarian.
Result (Pass/Fail/Warning/Incomplete)	Pass

	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Select to insert a book.	Listing books.	Pass	
2.	Entering another book with the same id to add a book	Adding books does not happen.	Pass	

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Test Table for "AddBook"	1	2
Text box (string)	For all text boxes except id text box, all string set (except special characters)	Integer value for id text box
Grid View	Columns for the book table drawn from the database	Book_id → int Other elements -> string

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Test Name	<DeleteBookTestCase>
Use Case Tested:	<DeleteBook>
Test Description:	The librarian's book is an interface that will be cleared by the librarian's entry.
Pre-conditions	The librarian is required to login to the system.
Post-conditions	The book matched with the information about the book is deleted.
Notes:	This can only be done by the librarian.
Result (Pass/Fail/Warning/Incomplete)	Pass

	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Select to delete the book.	Listing books.	**Pass**	
2.	Delete if the book is in a user	The book should not be erased		**Fail**

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Test Table for "DeleteBook"	1	2
Grid View	Columns for the book table drawn from the database	id→ int other elements ->string

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Test Name	<ReturnBookTestCase>
Use Case Tested:	<ReturnBook>
Test Description:	User's handing over the librarian's book in the library and deleting the librarian's book's receipt from the system.
Pre-conditions	Giving the user library information and return information
Post-conditions	Deletion of book receipt information from the list in the librarian interface.
Notes:	This can only be done by the user.
Result (Pass/Fail/Warning/Incomplete)	Pass

	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	When the book is returned, the book goes to the current state in the system	Expected to be in the current situation	**Pass**	
2.	The information will not be deleted without a penalty fee for someone with a penalty.	It is expected not to be deleted.	**Pass**	

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Test Table For " ReturnBook"	1
Text box (string) (Date)	Entire string set (except for special characters)
Grid View	Book grid can be selected from any line.

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Test Name	<LoginTestCase>
Use Case Tested:	<Login>
Test Description:	The user, admin and librarian log in from the same site but are directed to different pages.
Pre-conditions	Running the Program
Post-conditions	Pressing the login button after the data has been entered.
Notes:	This is done for everyone in the system, but on the member-> reservation form, To the librarian-> librarian form, to the admin-> admin form
Result (Pass/Fail/Warning/Incomplete)	Pass

	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	The user name and password fields are blank.	Notice that all fields are filled	**Pass**	
2.	The user name and password fields are entered incorrectly.	You are expected to give an error that you are not a user.	**Pass**	

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Test table for "Login"	1
Text box (string) (Date)	Entire string set (except for special characters)

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Test Name	<AddUserTestCase>		
Use Case Tested:	<AddUser>		
Test Description:	Admin is an interface that users will add to the Admin login.		
Pre-conditions	It is necessary to login to the Adminin system.		
Post-conditions	The information about the user is entered and confirmed to be registered in the system.		
Notes:	This operation can only be done by admin.		
Result (Pass/Fail/Warning/Incomplete)	Pass		
	TEST STEP	**EXPECTED TEST RESULTS**	**P** **F**
1.	A select is made to add the user.	Listing of users.	**Pass**

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Test Table for "AddUser"	1	2
Text box (string)	String set (excluding special characters)	
Grid View	Columns for the user table drawn from the database	elements ->string

Test Name	<DeleteUserTestCase>
Use Case Tested:	<DeleteUser>

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Test Description:	Admin is an interface that users will delete to the Admin login.
Pre-conditions	It is necessary to login to the Adminin system.
Post-conditions	The information about the user is entered and confirmed to be registered in the system.
Notes:	This operation can only be done by admin.
Result (Pass/Fail/Warning/Incomplete)	Pass

	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Select to delete the book.	Listing books.	**Pass**	
2.	If the user has a book, the delete operation	User must not be deleted		**Fail**

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Test Table for "DeleteUser"	1	2
Grid View	Columns for the user table drawn from the database	id→ int other elements ->string

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Test Name	<PayFineTestCase>
Use Case Tested:	<PayFine>
Test Description:	The librarian does not take actions and / or warnings to keep records and fees for those in the system.
Pre-conditions	Checking the "Fines" section of the user
Post-conditions	The user pays the money.
Notes:	This can only be done by the librarian and user.
Result (Pass/Fail/Warning/Incomplete)	Pass

	TEST STEP	EXPECTED TEST RESULTS	P	F
			Pass	
	A person who is subject to a monetary penalty requesting a book.	The book should not be given.		
			Pass	

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Test Table for " PayFine"	1
Grid View	fine amount case isinteger, other cases are string type.