

Software Test Result Report	
	Date: <16.05.2017>



**HACETTEPE UNIVERSITY DEPARTMENT OF COMPUTER ENGINEERING
BBM487: SOFTWARE ENGINEERING LABORATORY**

SOFTWARE TEST RESULT REPORT

GROUP - 6

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Software Test Result Report	
	Date: <16.05.2017>

Test Name	Test for Login			
Use Case Tested:	Login			
Test Description:	It is the case where a user tries to log in to the system. User enters the email and password. System gives access to user if the email and password are both valid.			
Pre-conditions	<ul style="list-style-type: none"> - E-mail must be correct. - Password must be correct. 			
Post-conditions	<ul style="list-style-type: none"> - Session is started. 			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	User can login to the system	X	

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Test Name	Test for Logout			
Use Case Tested:	Logout			
Test Description:	It is the case where a user tries to log out from the system. User clicks the logout button. System gives confirmation message to inform user during log out.			
Pre-conditions	- User must be logged in.			
Post-conditions	- Session is ended. - User must be logged out.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	User can logout from the system	X	

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Test Name	Test for Add Book			
Use Case Tested:	Add Book			
Test Description:	It is case where the admin tries to add a book to library. Admin enters all the needed information. System adds the book to database. Admin is directed to book list.			
Pre-conditions	- Admin login.			
Post-conditions	- Book is available.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	Admin(Librarian) can add books to the system		X
2.	Step - 2	Admin(Librarian) can add books to the system	X	

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Test Name	Test for Update Book			
Use Case Tested:	Update Book			
Test Description:	It is the case where the admin tries to change information of the specific book. Admin chooses the book from list, changes the data in the next page. After pressing the update button system updates the book in the database. Admin is directed to book list.			
Pre-conditions	- Admin login.			
Post-conditions				
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	Admin(Librarian) can update books which is in the system	X	

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Test Name	Test for Delete Book			
Use Case Tested:	Delete Book			
Test Description:	It is the case where the admin tries to delete a book from system. Admin chooses the book from list, presses the delete button in the opened page. System deletes the book in the database. Admin is directed to book list.			
Pre-conditions	- Admin login.			
Post-conditions	- Book does not exists.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	Admin(Librarian) can delete books from the system	X	

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Test Name	Test for Borrow Book Available			
Use Case Tested:	Borrow Book Available			
Test Description:	It is the case where a user tries to borrow a book. User chooses the book from list, presses the borrow button in the opened page. System lends the book to user for 15 days and gives confirmation message to user.			
Pre-conditions	<ul style="list-style-type: none"> - User login. - Book is available. 			
Post-conditions	- Book is not available.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	User(Library member) can borrow books from the system	X	

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Test Name	Test for Borrow Book Not Available			
Use Case Tested:	Borrow Book Not Available			
Test Description:	It is the case where a user tries to borrow a book. User chooses the book from list in the opened page user presses add book to waiting list. System adds user to waiting list of that book.			
Pre-conditions	<ul style="list-style-type: none"> - User login. - Book is not available. 			
Post-conditions	- Waiting list contains one more name.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	If current book is not available, then do not let the user borrow it.	X	

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Test Name	Test for Return Book			
Use Case Tested:	Return Book			
Test Description:	It is the case where a user tries to return a borrowed book. User clicks my books button. Chooses the book. In the opened page clicks the return button.			
Pre-conditions	<ul style="list-style-type: none"> - User login. - Book has borrowed. 			
Post-conditions	<ul style="list-style-type: none"> - Book is available. 			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	User can return the to the library.	X	

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Test Name	Test for Search Book			
Use Case Tested:	Search Book			
Test Description:	It is the case where a registered user or a guest searches for a specific book. The user/guest types the name of the specific book to the given area. System returns a list of books that matches the given information.			
Pre-conditions				
Post-conditions				
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	User can search book in the library.	X	

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Test Name	Test for Update User			
Use Case Tested:	Update User			
Test Description:	It is the case where the admin tries to change information of a user. Admin chooses the user from list, changes the data in the next page. After pressing the update button system updates the user in the database. Admin is directed to user list.			
Pre-conditions	- Admin login.			
Post-conditions				
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	Admin can update the user information.	X	

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Test Name	Test for Delete User			
Use Case Tested:	Delete User			
Test Description:	It is the case where the admin tries to delete a user from system. Admin chooses the user from list, presses the delete button in the opened page. System deletes the user in the database. Admin is directed to user list.			
Pre-conditions	- Admin login.			
Post-conditions	- User does not exist.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	Admin can delete user.	X	

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Test Name	Test for View My Books			
Use Case Tested:	View My Books			
Test Description:	It is the case where a user tries to view his/her books that have borrowed by them. User clicks the view my books button and sees the list of books borrowed.			
Pre-conditions	- User login.			
Post-conditions				
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	User can view the books that have borrowed by him/her.	X	

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Test Name	Test for Pay Fine			
Use Case Tested:	Pay Fine			
Test Description:	It is the case where a user tries to pay for late fine. User clicks the pay button. System directs the user to bank page.			
Pre-conditions	<ul style="list-style-type: none"> - User login. - Book that has not been returned by due time. 			
Post-conditions				
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	User can pay for the late penalty.	X	

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Test Name	Test for User Inform For Available Book			
Use Case Tested:	User Inform For Available Book			
Test Description:	It is the case where the system informs the user on top of the waiting list when the book is available. User receives the information in his/her message box.			
Pre-conditions	- Book is available			
Post-conditions	- User has the message.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	When a book that is wanted to borrow by a user if being available, then user should be notified by the system.	X	

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Test Name	Test for User Inform For Late Book			
Use Case Tested:	User Inform For Late Book			
Test Description:	It is the case where the system informs the user who has passed the 15 days period for a book. User receives the warning in his/her message box			
Pre-conditions	- 15 days between that day and lend day.			
Post-conditions	- User has the message. - Fine is started to being counted daily.			
Result (Pass/Fail/Warning/Incomplete)	PASS			
	TEST STEP	EXPECTED TEST RESULTS	P	F
1.	Step - 1	When a books period is exceeded, system can notify the user	X	

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