

Use Case Name: Check out

Responsibility: The purpose of this test is to ensure librarians can successfully help patrons check in materials. Once the check-in process is completed, the rent information (such as rent ID, date rent, date due, issued by) about the materials will be deleted from the rent table, and this material will be released for other patrons to check out.

System: Library System

Type: Requirement Based testing, Utility testing

Ojective: Check-in

Planned Start Date: 04-28-2013

Actual Start Date: 05-02-2013

Pre-conditions: 1. Materials need to be checked

2. Valid IDs of materials need to be presented

3. Patrons who want to check-in materials need to present valid IDs

Test Environment: White Box Testing

Test

Planned End Date: 05-01-2013

Actual End Date: 05-06-2013

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Action	Expected Behavior	Actual Behavior	Pass/Fail	Intial
1. Click Librain Login	direct to log-in page waiting librarian to login	same as expected	Pass	DZ
2. Check-in Page loads	Focus on the text field where librarian enters rent ID	Focus on the text field where librarian enters rent ID	Pass	WYL
3. Enters a unexit MaterialID and hit 'Enter'or 'check in'	Return a message says material ID does not exist	Return a message says material ID does not exist	Pass	DZ
4. Enters a unexist user and hit 'Enter'or 'check in'	Return a message says user does not exist	Return a message says User does not exist	Pass	DZ
5. left material ID hit 'Enter'or 'check in'	Return a message that requires to fill information	Return a message says material ID does not exist	Fail	DZ
6. left UserName hit 'Enter'or 'check in'	Return a message that requires to fill information	Return a message says User does not exist	Fail	DZ
7. Enters valid Userid and Mateerial ID and hit 'Enter'or 'check in'	Return a message if the user has fines due and redirect to a payment form for librarians to insert patron debit card information. (further function)	Release the returned book for future check-out	Fail	LJM
8. Enters valid Userid who has more than 10 items and hit 'Enter'or 'check in'	Stop the check-out and a message label says "more than 10 items checked out"	a message label says "more than 10 items checked out"	Pass	DZ
9. Enters valid Userid and Mateerial ID and hit 'Enter'or 'check in'	If no fines due(further function) and did not attain the 10 materials limitation release the returned book for other patrons to check out, and return the check-in confirmation message	Release the returned book for future check-out return the confirmation message	Pass	DZ