

Library System User Guide

1/21/2018 – v2 (clone)

Doug Skayer

Bhavani Putrevu

Requirements:

- The following requirements have been identified:
 - User can login to system via Internet browser.
 - User can search for a book
 - User can check-out a book (any location).
 - User can check-in a book (any location).
 - User can reserve a book (any location).
 - User can check the status of a book
 - User can cancel book-reservation.
 - User can check for overdue charges.
 - User can manage their account.

Use Cases:

Use Case Name	Checkout book
Scope	Library System
Level	User Goal
Primary Actors	User
Stakeholders and Interests	Use case applies to checkout station or website.
Preconditions	User or librarian is at book checkout station, the checkout station is fully operational and displays the authentication screen and user has one or more books to checkout.
Success Guarantee	Books are successfully removed from inventory and their check-out status is updated.
Main Success Scenario	<ol style="list-style-type: none">1. User authenticates (scan library card or enters library card number).2. System returns overdue book and charge information (if true).3. System allows checkout if dues are less than \$25, otherwise instructs user to see library personnel.4. User scans or enters book ISBN number.5. System updates book checkout status record.6. System indicates successful checkout.7. Repeat 4-6 until all books are checked out.8. System prints list of checked out books and their due dates.9. System returns to authentication screen.
Special Requirements	None

Technology and Data Variations List	Checkout station has a barcode scanner, touch-screen and printer.
Frequency of Occurrence	Medium frequency.
Miscellaneous	None
Last update	Doug Skayer - 1/18/2018

Use Case Name	Access Account Information
Scope	Library System
Level	User Goal
Primary Actors	User
Stakeholders and Interests	Use case applies to web access.
Preconditions	User or librarian is accessing system over the internet using a browser.
Success Guarantee	Book information is successfully displayed.
Main Success Scenario	<ol style="list-style-type: none"> 1. User authenticates with system. 2. System returns list of charges (if any). 3. System returns list of books reserved (if any). 4. System gives option to modify account information (password). 5. System gives option to cancel book reserve.
Special Requirements	None
Technology and Data Variations List	None.
Frequency of Occurrence	Low frequency
Miscellaneous	None
Last update	Doug Skayer - 1/20/2018