Library System User Guide

1/21/2018 – v2 (clone)

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**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:**

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| --- | --- |
| 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 | 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 |

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| --- | --- |
| 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 | 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 |