Candidate Use Cases

of

GreenBox Audiobook Lending System Problem

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Table of Contents

1 Candidate Use Case

Use Case Name	Use Case Goal
Customer searches book	To search for a book using keywords to filter for the result.
Customer reserves book	To place a book on hold for 3 days for the customer to pick up.
Customer requests book	To place a customer in a queue to reserve a particular book once it becomes available
Customer cancels reservation	To make a copy of a book that was previously reserved available again.
Time cancels reservation	To automatically make a copy of a reserved book available again if it is not picked up after 3 days.
Customer cancels request	To remove a customer from the queue to reserve a particular book once it becomes available.
Customer borrows books at kiosk	To fulfill reservations of books.
Customer returns books at kiosk	To update the inventory of the returned books. To create reservations for that audiobook if there are pending requests for that title of book.
System administrator requests reports	To list book distribution status at kiosks.
System administrator adds new titles to inventory	To add new titles of books to the inventory.
System administrator adds book copy to inventory	To replenish the inventory of that book.
System administrator removes book copy from inventory	To update inventory when a copy has been damaged or gone missing.
Library employee adds or removes audiobooks from kiosks	To rebalance the distribution of books among kiosks.

2 Primary Actor

Actor Name	Description
Customer	The customers interact with the GBALS web interface and kiosks to search, reserve, and borrow the audiobooks available at the local branch.
System administrator	The system administrators with sufficient technical background to generate various reports and manage inventory via the GBALS kiosks.
Library employee	The staff employed by the Library with prior experience in tasks similar to the features provided by the GBALS kiosks.
Time	The passage of time can trigger certain scheduled/automated processes.