

Use Case UC2: Worker Checks In Copies from Patron

Scope: Textbook Rental Library Application

Level: User Goal

Primary Actor: Worker

Stakeholders: Worker, Patron, TRL Manager

Preconditions

1. Worker has authenticated and is physically present
2. Patron is physically present with one or more copies to check in
3. Patron has patron ID card with them
4. System is ready to process and log transactions

Success Guarantee

1. A patron returns multiple copies
2. Copies are accurately recorded as checked in
3. All transactions are logged

Main Success Scenario

1. Worker enters patron id
2. System validates patronid, displays patron's current record, and logs validation on Date/Time
3. Worker selects "check copies in"
4. System enters check in mode and logs worker entered check in mode for Patron on Date/Time
5. Worker enters bar code for copy
6. System logs Worker entered CopyID for check in for Patron on Date/Time
7. System validates copyID, displays copy record, adds copy to queue, and logs that CopyID was validated and added to return queue on Date/Time
Repeat steps 5 through 7 for each copy being checked in.
8. Worker completes session
9. System checks in all copies in queue, removes copies from patron's record, clears due dates, and logs copies checked in for patron by worker on Date/Time

Extensions

- 2a. Patron's id is not recognized by system
- 5a. Copy barcode is unreadable
- 5b. Copy is damaged
- 7a. Copy bar code is not recognized by system
- 7b. Copy is already "checked in" in system
- 7c. Copy is checked out to different patron
- 8a. Worker cancels session
- 9a. System fails complete transaction

Frequency of Occurrence: High frequency, many daily transactions, at the end of a term