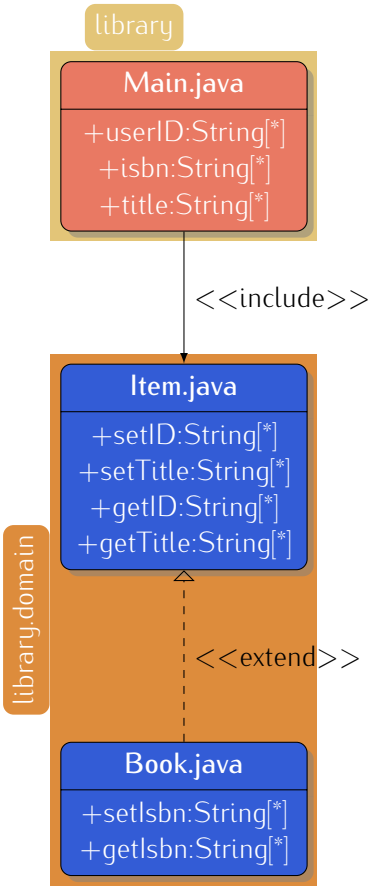
CS 434

Week Two



USE CASE
Enter books into system

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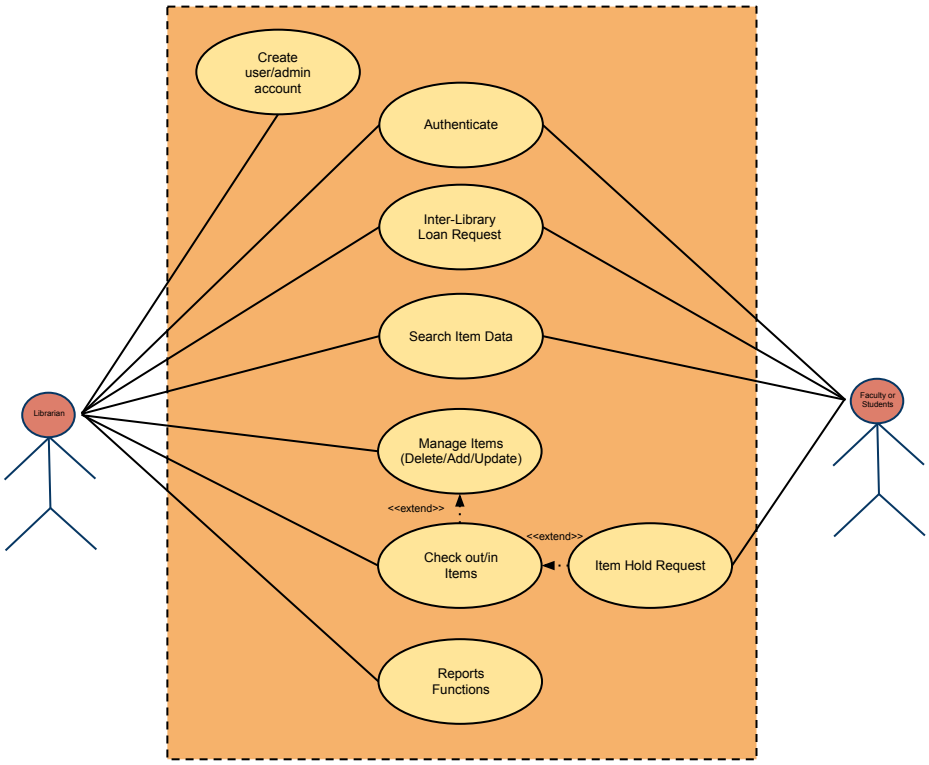
1 Actors

- **Librarian**
  Librarians may perform the following tasks:
  - Administrate users.
  - Retrieve and read books.
  - Data management of books.
  - Inter-Library loan requests.
  - Generate and run reports.
- **Customers**
  Customers may perform the following tasks:
  - Retrieve and Return books.
  - Reserve books.
  - Inter-Library loan requests.

Library Application Request Use Case



2 Stakeholders and Interests

Various local libraries are depending on this application to work from its inception to improve management of their inventory.

3 Preconditions

Librarian must be setup with and administrator account and isbn registered in database with providers.

4 Success Guaranteed

(post condition) Books are properly in system.

5 Main Success Scenario

1. Librarian authenticates.
2. Librarian selects new book data.
3. Librarian enters book title, id and isbn.
4. Book data is recognized and appended to inventory.

6 Extensions

6.1

1. Librarian cannot authenticate.
2. Librarian requests admin account.

6.2

1. Librarian authenticates.
2. Librarian selects new book data.
3. Librarian enters book title, id and isbn.
4. Book data is not recognized and Librarian notified to contact provider.

7 Special Requirements

Library must have a Linux/Unix or OSX based computer.

8 Technology and Data Variation List

Providers must keep up with new inventory.

9 Frequency of Occurrence

Varies by providers.

10 Open Issues

No open issues at this time.