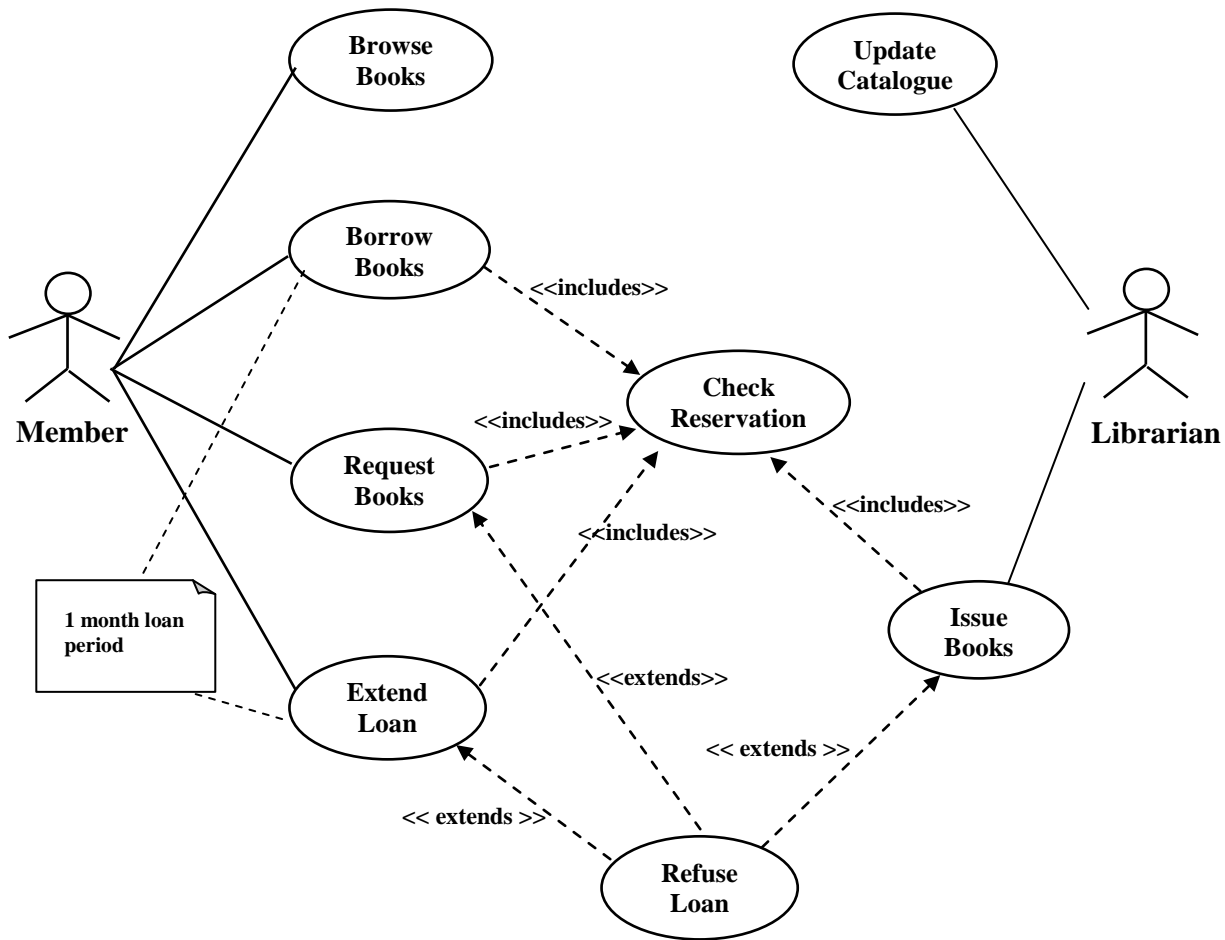


CSY2030 Use Cases Tutorial Solutions



Sample documentation

Identifier and name: UC1 Borrow Books

Initiator: Member

Goal: Member borrows chosen book

Pre-condition: The book is available

Post-condition: A book is borrowed by a member for a period of upto 1 month and the book is no longer available for loan until it is returned

Assumptions: Member is a valid member of the Library

Main success scenario:

1. member chooses to borrow a book from shelf
2. check if there is an existing reservation on the book
3. if no reservation then member produces membership card and book
4. Library creates a reservation, issues a return date and updates its records

Includes: *Check Reservation*

Identifier and name: UC2 Request Books

Initiator: Member

Goal: Member requests chosen book

Pre-condition: The book is in Library system

Post-condition: A book is requested by a member and will be informed when book is returned or request is refused

Assumptions: Member is a valid member of the Library

Main success scenario:

1. member selects book to request
2. check if there is an existing reservation on the book
3. if an existing reservation on book then loan is refused
4. if no reservation then library sends out request for the book to be returned and member will be informed of when it is returned

Includes: *Check Reservation*

Extends: *Refuse loan*