Stakeholders:

-        Librarians

-        Librarian assistants

-        Administrators

-        Students

-        Educators

-        Software developers

-        Software maintenance

-        WSU / the school using the system

Use cases

Actors:

-        Librarians - primary

-        Librarian assistants - primary

-        Students - primary

-        Educators - primary

-        Unregistered patron (public patron) - primary

-        Database server - secondary

-        Access terminal - secondary

Librarians: (inherits from students)

-        Goals:

Maintain system

-        Preconditions:

Registered super user

-        Main tasks:

Add / delete books

-        Exceptions:

-        Variations:

-        Information – acquire; produce; change:

-        Inform about external changes:

-        Information desired:

-        Inform of changes:

Librarian assistant:

Goals:

Assist patrons

Preconditions:

Registered as assistant user

Main tasks:

Checkout books

Scan requested books for inter-library transfer

reshelving

Students: (inherits from public patron)

-        Goals:

Get books

-        Preconditions:

Registered patron

-        Main tasks:

Search for a book

Check out a book

Return a book

Place a hold on a book

Renew checkout

Request summit book

-        Exceptions:

Can’t check out a book if you have overdue books

Can’t check out reserved books

-        Variations:

-        Information – acquire; produce; change:

-        Inform about external changes:

-        Information desired:

-        Inform of changes:

Educator:

-        Goals:

Reserve book for a semester

Restrict it to in-library use, checkout for 2 hours, cannot leave library

-        Preconditions:

Registered educator patron

-        Main tasks:

Reserve books

-        Exceptions:

-        Variations:

-        Information – acquire; produce; change:

-        Inform about external changes:

-        Information desired:

-        Inform of changes:

-

Public patron: (base case)

-        Goals:

Look up a book

-        Preconditions:

-        Main tasks:

-        Exceptions:

-        Variations:

-        Information – acquire; produce; change:

-        Inform about external changes:

-        Information desired:

-        Inform of changes:

Database Server:

-        Goals:

Track books

-        Preconditions:

-        Main tasks:

Send notifications

-        Exceptions:

-        Variations:

-        Information – acquire; produce; change:

-        Inform about external changes:

-        Information desired:

-        Inform of changes:

