Bookstore Use Case Document

**Use Case:** User Log In via CAS

**Id** UC- 01

**Date**: February 5th, 2015

**Author:** Bryan Holdt, Matt Lam, Vadim Belonenko

**Description**

User is redirected to the Western Washington University CAS login system. On successful login, they are redirected back to the bookstore website.

**Pre-Conditions**

User must have a Western Washington University universal account and a stable internet connection

**Post-Conditions**

User redirected to main page of the bookstore web site

Success end condition

User is now logged in and can view, query, and participate in transactions

Minimal Guarantee: CAS system attempts to redirect to the bookstore web site

## Normal Course

1. Redirected to CAS login
2. Enter a valid username and password
3. Redirected to bookstore

**Alternative Course**

N/A

**Exceptions**

1. Incorrect login
   1. User stuck at CAS page. This is out of our control

**Primary Actor**

February 5th, 2015

**Supporting Actors**

None

**Use Case:** Redirection to main page

**Id** UC- 02

**Date**: February 5th, 2015

**Author:** Bryan Holdt, Matt Lam, Vadim Belonenko

**Description**

Once it is determined that a user is a Western Washington University student, the user attempts to buy a book on the bookstore web site. They will have to contact the seller in order to determine when and where to meet to fulfil the transaction.

**Pre-Conditions**

User has successfully logged in. User has funds to purchase a book.

**Post Conditions**

User has confirmed a location and time to meet with the book’s seller

Success end condition

User has determined a place and time to meet on campus to purchase the book from the seller.

Minimal Guarantee: The system sends a message to the seller to notify them of the time and place to fulfil the transaction.

## Normal Course

1. User searches for a book they want to buy
2. User identifies book they want to buy
3. User agrees to purchase the book and selects a time to fulfil the transaction
4. User meets seller and completes payment for book purchase
5. User responds on site with feedback of transaction

**Alternative Course**

N/A

**Exceptions**

1. User unable to find book they want
   1. No transaction occurs, will have to look at other sellers
2. Seller does not show up to agreed upon location at the agreed upon time
   1. User leaves bad feedback of seller
   2. Posting archived

**Primary Actor**

User (Student buyer)

**Supporting Actors**

User (Student seller)

**Use Case:** Create a post (Selling a book)

**Id** UC- 03

**Date**: February 5th, 2015

**Author:** Bryan Holdt, Matt Lam, Vadim Beloneneko

**Description**

User posts that they want to sell a specific book for a specific price through a parameterized input form.

**Pre-Conditions**

User must have a Western Washington University universal account, a book they wish to sell and a stable internet connection

**Post Conditions**

Success end condition

User makes a post advertising that they are selling a certain book for a certain price.

Minimal Guarantee:

Tbd

## Normal Course

1. User clicks a button labeled sell a book
2. User is prompted with a page to enter in information about the book
3. Book isbn and information is validated by the server against a database to verify the book is real
4. Form is posted to the server and the listing is public

**Alternative Course**

N/A

**Exceptions**

1. Unable to verify book
   1. User cannot make a listing for a book without a valid isbn.

**Primary Actor**

Student seller

**Supporting Actors**

None

**Use Case:** Clicking on a post

**Id** UC- 04

**Date**: February 5th, 2015

**Author:** Bryan Holdt, Matt Lam, Vadim Belonenko

**Description**

User clicks on a post to see more details about the pst

**Pre-Conditions**

User must be logged in and the database must be populated

**Post Conditions**

User presented with detailed information about the posting

Success end condition

User is able to read information about the book and able to click on a button to purchase the textbook.

Minimal Guarantee:

## Normal Course

1. User clicks a post about a textbook they are interested in.
2. User is presented with information about the book

**Alternative Course**

User gets a direct link to a listing

1. User is presented with information about book

**Exceptions**

N/A

**Primary Actor**

User (Students)

**Supporting Actors**

None

**Use Case:** Deleting a post

**Id** UC- 05

**Date**: February 5th, 2015

**Author:** Bryan Holdt, Matt Lam, Vadim Belonenko

**Description**

User delete their post to remove from bookstore list.

**Pre-Conditions**

User must be logged in and have a post in list.

**Post Conditions**

Post has been removed from the site

Success end condition

User is now logged in and deleted the post from list

Minimal Guarantee:

## Normal Course

1. User click the delete button on selected post.
2. User click yes to confirm to delete the post.
3. Post deleted

**Alternative Course**

N/A

**Exceptions**

N/A

**Primary Actor**

User (Students)

**Supporting Actors**

None

**Use Case:** Searching posts

**Id** UC- 06

**Date**: February 6th, 2015

**Author:** Bryan Holdt, Matt Lam, Vadim Belonenko

**Description**

User knows of a book that they are interested in purchasing. They enter in details about the book they want to purchase and any matches in our database will be displayed on the screen.

**Pre-Conditions**

User must be logged in and know some specific details about the book they wish to purchase such as ISBN, author, title, and edition.

**Post Conditions**

A list of books that other users have expressed interest in selling will be displayed.

Success end condition

A list of books is displayed

Minimal Guarantee:

A list is displayed, even if there are no results.

## Normal Course

1. User types in data into textbox with information about the book of interest
2. Input is cleaned and formatted into a database query
3. The query is sent to the database
4. The results of the query are returned
5. The results are formatted into a list and presented to the user

**Alternative Course**

List returned with no elements

**Exceptions**

Bad input (Bad ISBN, title, author, etc)

Book doesn’t exist

**Primary Actor**

User (Students)

**Supporting Actors**

None

**Use Case:** Logging out

**Id** UC- 07

**Date**: February 6th, 2015

**Author:** Bryan Holdt, Matt Lam, Vadim Belonenko

**Description**

User is done with their session and logs out. The CAS system handles this.

**Pre-Conditions**

User must be logged in. CAS system must be online.

**Post Conditions**

User is logged out of CAS, and thus the website.

Success end condition

User is loged out

Minimal Guarantee:

System attempts to log out of CAS

## Normal Course

1. User clicks logout button
2. CAS system logs user out

**Alternative Course**

CAS system fails to logout

**Exceptions**

N/A

**Primary Actor**

User (Students)

**Supporting Actors**

None