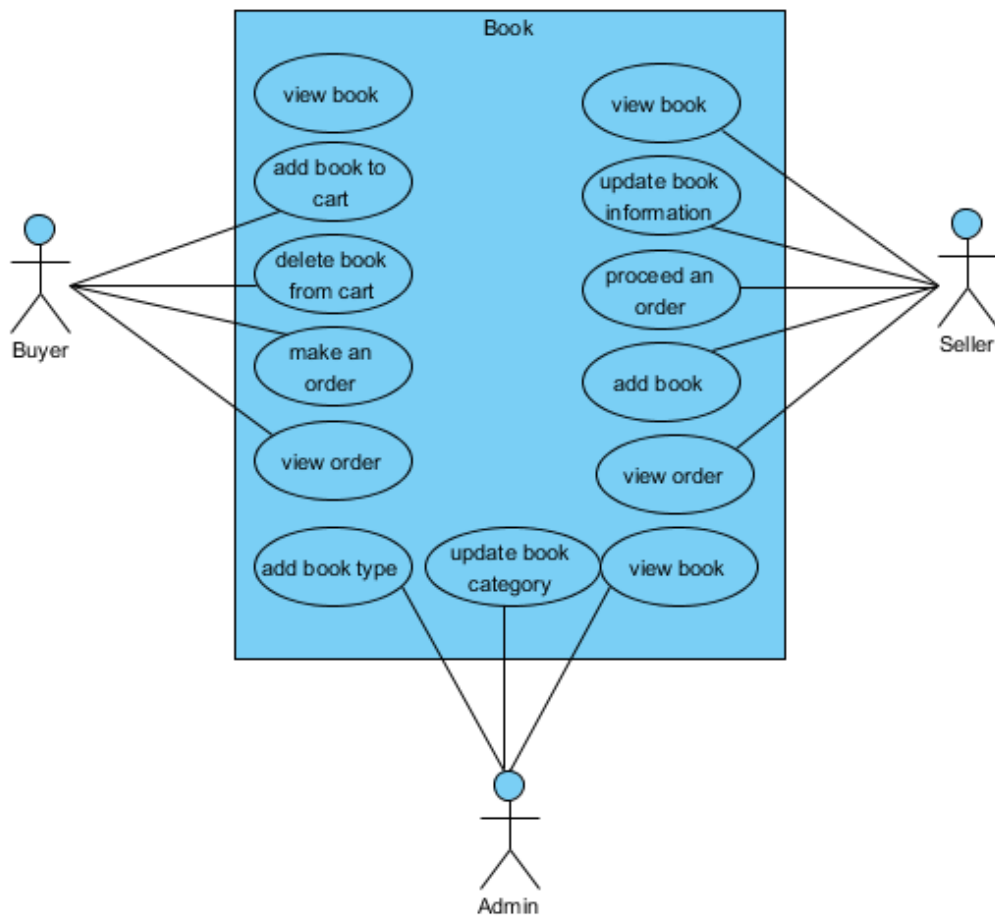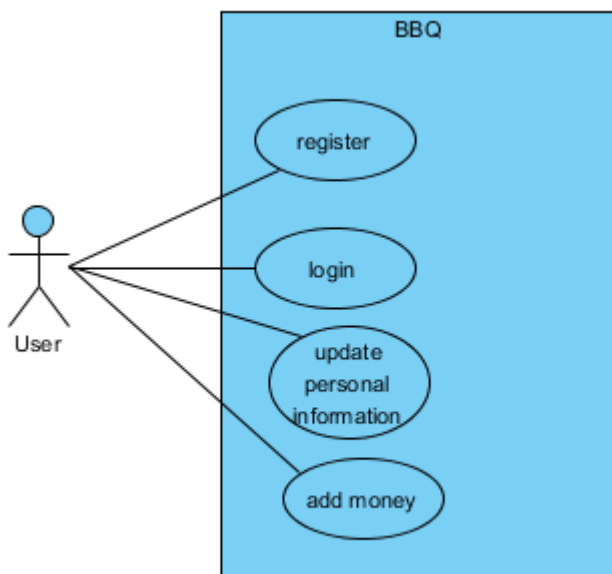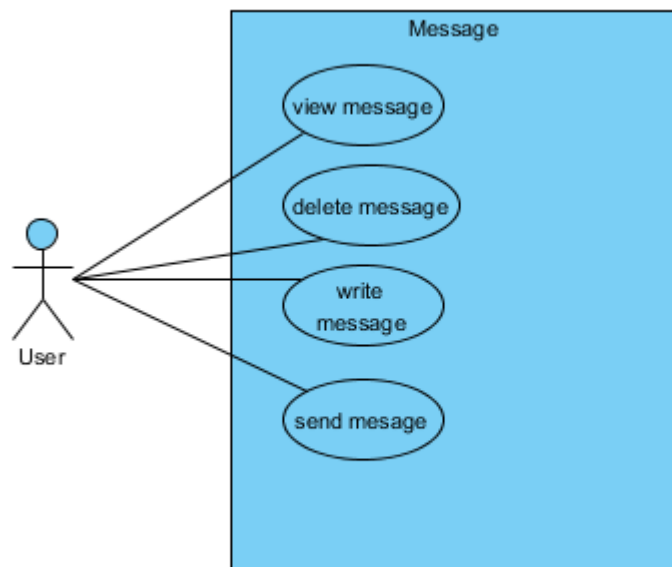CS 5200
Team BBQ
October 25, 2014

Team Name: BBQ – Buy Book in Queue
Member: Hao Mao, Wanting Jiang

USE CASE:

USE CASE – Login

Login [login]

-Description: User enter username and password, login to the website.

-Actors: All users

-Precondition: user have registered

-Step by step:

  1. User - enters username and password

  2. Website – check username and password, returns the login page to user if username and password is right, otherwise returns fault information

USE CASE – Register to website

Register to website [registerWebsite]

-Description: a new user who hasn't register can create a new account to become a register buyer or seller.

-Actors: new register user

-Precondition: user who have not registered

-Step by step:

  1. New user – enters username, password, email, gender, DOB and address.

  2. Website – restores new user's information, gives the new user an id.

USE CASE – Update personal information

Update personal information [updatePersonalInformation]

-Description: Users update personal information, change password, email or address.

-Actors: All registered users

-Precondition: user is login and can only update his own information

-Step by step:

  1. Users – changes personal information

  2. Website – update these changes to the database

USE CASE – Add money

Add money [addMoney]

-Description: Users could add virtual money to their account

-Actors: All registered users

-Precondition: user is login and can only money to his own accout

-Step by step:

  1. Users – add money to their account

  2. Website – update these changes to the database

USE CASE – View Books

View books [viewBooks]

-Description: User chooses a book or search a book, to view the detail information of this book.

-Actors: All users

-Precondition: books exist

-Step by step:

  1. User - enters a good's name, or click on a good's image

  2. Website – returns the good's information to the user

USE CASE – Add book to cart

Add book to cart [addBookToCart]

-Description: Buyers can choose a book and select a quantity, then add this book to the shopping cart

-Actors: All buyers

-Precondition: user is login, book exists

-Step by step:
  1. Buyers – click a book, choose quantity and add it to cart
  2. Website – update the cart information

USE CASE – Delete book from cart

Delete book from cart [deleteBookFromCart]

-Description: Buyers can choose a book in his shopping cart, and delete it from the shopping cart

-Actors: All buyers

-Precondition: user is login, and book exists

-Step by step:
  1. Buyers – click a book, delete it from the shopping cart
  2. Website – update the cart information

USE CASE – Make an order

Make an order [makeOrder]

-Description: Buyers can select several books, choose a deliver address and submit this order.

-Actors: All buyers

-Precondition: user is login, shopping cart has books

-Step by step:
  1. Buyers – submit an order
  2. Website – record this order

USE CASE – View Order

View order [viewOrder]

-Description: User can select an order and view the detail information of this order

-Actors: All users

-Precondition: user is login, order exists and user is authenticated

-Step by step:
  1. User – click on an order
  2. Website – returns the order's information to the user

USE CASE – Add a book

Add book [addBook]

-Description: Sellers can add a new book to his shop, enter book's name, author, publisher, year, quantity and price.

-Actors: All sellers

-Precondition: user is login, the new book doesn't exist

-Step by step:
  1. Buyers – input book name, price, quantity etc.
  2. Website – record this book

USE CASE – Update book information

Update book information [updateBookInformation]

-Description: Sellers can select a book in his own shop and changes book's quantity, price and

picture.

-Actors: All sellers

-Precondition: user is login, book exists

-Step by step:

  1. Buyers – update a book's price, quantity and so on.

  2. Website – update book's information to the database.

USE CASE – View message

View message [viewMessage]

-Description: User view a message

-Actors: all registered users

-Precondition: user is login, message exists

-Step by step:

  1. User – click a message

  2. Website – returns information of this message to user

  3. User – view the message

USE CASE – Send message

Send message [sendMessage]

-Description: User sends message to other users

- Actors: all registered users

-Precondition: duser is login, message is not blank

-Step by step:

  1. User – write a message and send it to someone

  2. Website – record this message

USE CASE – Delete message

Delete message [deleteMessage]

-Description: User delete a message

- Actors: all registered users

-Precondition: user is login, message exists

-Step by step:

  1. User – select a message and delete it

  2. Website – remove this message from the database

USE CASE – Add book type

Add book type [addBookType]

-Description: Administrator adds a new category

- Actors: Administrator

-Precondition: user is login, new category doesn't exist

-Step by step:

  1. Administrator – enters new category name

  2. Website – record this category

USE CASE – Update book type

Update book type [updateBookType]

-Description: Administrator changes a category's name

- Actors: Administrator

-Precondition: user is login, category exists

-Step by step:

  1. Administrator – click a category and reenter the category's name

  2. Website – update the category's name to the database