# CSC309 Phase 1

# **Project Proposal and Specification**

### **BookHub**

Team: 22 Yuxuan Zhang 999249040 Yanrong Wang 999819497 Erhao Chen 999673759 Shaocong Cheng 999197907

TA: Theresa Ma Professor: Amir H. Chinaei

#### PROJECT DESCRIPTION

BookHub is a website for UofT students to buy, sell or trade used textbooks for different courses. A seller will need to input book's title, author, course code, price, short description, etc. and may choose to attach images. A buyer may search by course code or book's title to find the corresponding textbooks. A buyer can also send email directly to the seller. A buyer can also review/rate the seller's trustworthiness after purchasing from this seller.

#### **Notes:**

- ✓ means what we finally finish for **Phase 4**
- × means what we do not finish for phase 4
- o means our plan to finish during **Phase 1**
- o means our plan not going to finish during **Phase 1**

#### In another word:

- ✓ means the original features we suppose to finish
- ✓ means extra features we finish in order to get bonus mark
- **X** means features we are not planning to do at the beginning

### FEATURES AND REQUIREMENTS

### **Account Registration**

- ✓ One account level user
- ✓ Account creation (email, username, password)
- **×** Google account login
- **X** Twitter account login
- **X** LinkedIn account login
- ✓ Password encryption (salt and hash)
- ✓ Login session
- ✓ Form validation
- ✓ Upload profile image

#### **Profile Page**

- ✓ User can update password
- ✓ User can update profile image
- ✓ User can add/update phone number
- X View on-site message received and reply
- ✓ Displays the username, profile image and contact information of the user
- ✓ Lists all reviews/comments for this user
- ✓ Displays the user's trustworthiness score
- ✓ User can view all current active listings of this specific user
- ✓ User can leave comments/reviews trustworthiness on other user's profile page

✓ ○ User can give a trustworthiness score (out of 5) to the user who sell the book

#### **Dashboard**

- ✓ Search bar for book name or course code
- ✓ Show posting time
- ✓ Books are listed with picture, book name, ISBN, description and price
- ✓ Clicking on a book takes user to that book's page
- ✓ Login/Registration button
- ✓ My profile button (if logged in)
- ✓ My listings button (if logged in)
- ✓ My cart button (if logged in)

### View A Book Page

- ✓ Displays the images, name, course code, ISBN, author, condition, price, and a short description of the book
- ✓ Displays the seller's contact information and link to view the seller's profile
- ✓ Displays the seller's trustworthiness score
- ✓ Send email directly to the seller
- **X** Send on-site message to the seller (if logged in)
- **X** User can put the book in their cart (if logged in)
- **×** Suggest books with same name/course code

### Add A Book Page

- ✓ Form with book name, course code, ISBN, author, price, image and a short description of the book
- ✓ Select a condition from a drop down list (out of 4 types)
- ✓ Upload image of the book
- ✓ Form validation

### **Update A Book Page**

- ✓ Only the seller of this book can access
- ✓ Book name, course code, author, condition, ISBN, price, and a short description can be edited
- ✓ Book's image can be added/updated.
- ✓ Form validation

#### **My Listings Page**

- ✓ Only logged in user can access his/her own listing page
- ✓ Displays active listings and past listings
- ✓ Button to add a book
- ✓ Link to update a book page on each active listing
- ✓ Mark listing as sold
- ✓ ◎ Button to edit book

#### My Cart Page

- ✓ Only logged in user can access
- ✓ List all books that have been pinned with picture, book name, course code, condition, and price
- ✓ Can remove items from cart
- ✓ Click on item in the cart direct to the corresponding book's page
- ✓ ◎ Button to clear all items in the cart

#### Search

- ✓ Search by book name
- ✓ Filter by condition
- ✓ Filter by price
- ✓ Search by ISBN
- ✓ Search by Keywords
- ✓ Sort results by time (last post on top)

#### Share

- ✓ User can share the post on Google +
- ✓ User can share the post on Facebook
- ✓ User can share the post on LinkedIn
- ✓ User can share the post on Twitter

#### Other features

- ✓ Input ISBN to autofill book information
- ✓ Books without photos can pull photos automatically
- ✓ Responsive Design for all pages
- **X** Compare price with Amazon
- ✓ CAPTCHA

# WEBSITE MOCKUPS

## **Home Page:**

ogo Bo	o BookHub				Register   Logir		
P 500	uch			condition of	Rrice		
Img	Book Name	author	Course	condition	Price.		
Img	Book Name	author	code	condition	price.		
				LL 1 2 3 ··	. 10 11 12 >>		

### Login/Register

	Login
ema	1 =
passu	ord:[
	Login
	Login with Google

	Register	
email		
usemo	ime:	
passwi	ord:	
Reent		
	Register	

## View Book Page:

X X X
x
mail

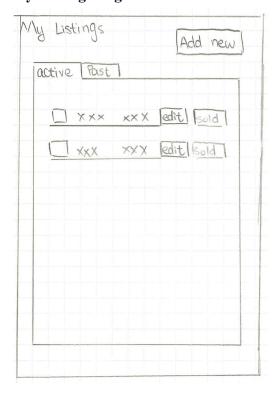
### Add Book/List Page:

name:					
author	:			_	
Course	code	2: [_			7
price:	1		J		
condi	tion:			4	
descr	iption				
\	de im	000	1	mbool	T

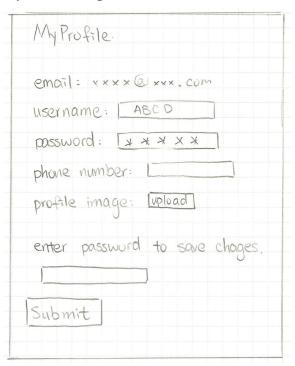
## **Update Book/List Page:**



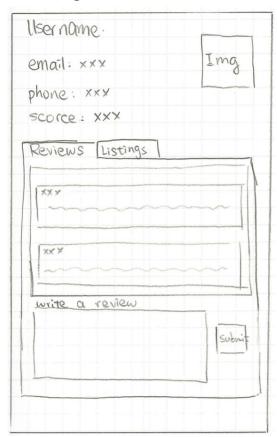
## **My Listings Page:**



## **My Profile Page:**



## **Profile Page:**



# My Cart Page:

