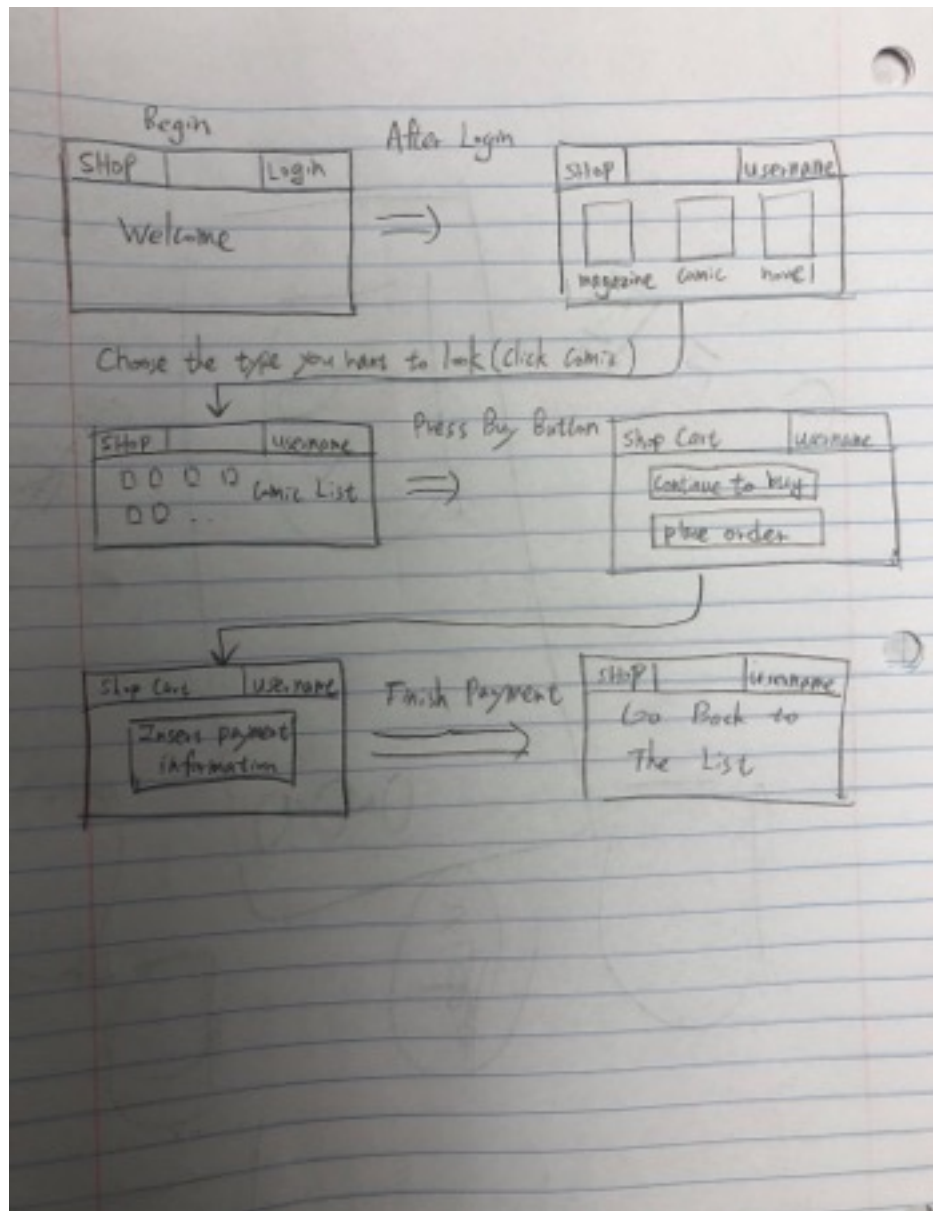**Name**: Yu Lin Chou
Title: Online Bookstore
Project Summary: An online bookstore website that customers can login and pay for the book they want, it would also include the shopping cart function. Below is the function I that I am trying to accomplish:

1. sign up & log in
2. add products to a shopping cart
3. get automatic email confirmation
4. view their orders checkout and order history
5. use credit card to pay for their order

Project Requirements:

Who	do what	result	
user.1	login	return to a book list for user to shop for book	
user.2	logout	return to the Welcome Page	
user.3	type the keyword and press "search" button	return the Book result	
user.4	press the "Check Book detail"	Show whether the book is still available	
user.5	press the "Buy" button	Move to the Cart Item	
user.6	press "Modify Cart"	Able to decide to add or delete Cart Item.	
user.7	press "Confirm Buy"	Able to proceed to the Purchase interface.	
user.8	press "Finish Buy"	return to a book list for user to shop for book	
Admin.1	login	return to a book list for user to shop for book	
Admin.2	press the Add Button	Able to add new book	
Admin.3	press the Delete Button	Able to delete unavailable book	

UI Mockups:

Begin

After Login

SHOP		Login
Welcome		

=)

SHOP		username
☐	☐	☐
magazine	comic	novel

Choose the type you want to look (click Comic)

↓

SHOP		username
O O O O	Comic List	
O O ...		

Press Buy Button

=)

Shop Cart		username
Continue to buy		
place order		

↓

Shop Cart		username
Insert payment information		

Finish Payment →

SHOP		username
Go Back to		
The List		

Class Diagram:

Account
Account

email: String
password: String
username: String

User login successfully

Book
Book

Title: string
Author: string
Publisher: string
Price: string
Description: string

0..*

0..*

Admin

-AddBook(Book): void
-DeleteBook(Book): void
-UpdateBook(Book): Book

User

- name: string
- birthday: string
- phone: string
- address: Address

- SearchBook(Title:string): Book
- ViewBookDetail(Title:string):Book

Magazine

+ MagazineType: string

+getMagType(): Magazine

Comic

+ ComicType: string

+getComType():Comic

Novel

+ NovelType: string

+getNovType():Comic

Able to Check

Order

+Order Date: string
+Shipping Date:string
+Order Status:string
+Billing Address:string
+TotalAmount: string
+TotalNumber: string

Confirm & Make Payment

Make Order

Shopping Cart

+Total Amount: string
+ Total Number: string
+ Product: Book

+ getAmount(): string
+ getNumber(): string
+ getProduct(): Book
+ addProduct(): Book
+ deleteProduct(): void