UNIVERSITY OF INFORMATION TECHNOLOGY Faculty of Information Systems

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# Final Project INTRODUCTION SOFTWARE TECHNOLOGY CS4273.N11.CTTT

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#### CHAPTER 1. OVERVIEW

#### 1.1. Current status survey

Books are a treasure trove of human knowledge. Reading helps us to expand our intelligence as well as a great relaxation tool. Because of that, the number of books produced every year is extremely large. In each store, there is a different way of doing business, but there are many operations that must be the same (the process of buying and selling books, importing and exporting warehouses). Performing operations manually can easily lead to errors and data loss. Understanding this issue, the team planned to build a book management software to meet basic operations, including:

- Standardize import and export operations, product, and service management.
- Customer Information Management.
- Employee manager.
- Track sales and profits every day.

#### 1.2 User locating

#### 1.2.1. Organizational survey

The book management system is organized with two main parts: customers (buy and find books) and bookstore managers (bookstore owner).

#### 1.2.2. Professional survey

Business is mainly domestic and foreign books. Revenue mainly comes from book sales and some bookstores like Fahasa selling school supplies such as (Writing, ruler, color, notebook, etc.).

The management system mainly includes book management, order management, book inventory statistics, book sales statistics, revenue statistics from book sales.

#### 1.2.2.1. The process of viewing and searching the product list

- Step 1: Customers see information on the homepage.
- Step 2: Customers see the product list on the homepage or the product list is filtered by the content on the textbox "Search entire store here".

#### 1.2.2.2. Registration process

- Step 1: Customers access the registration page.
- Step 2: Customers enter personal information.
- Step 3: Customers clicks register, if the operation is successful, the user is redirected to the login page.

#### 1.2.2.3. Login Process

- Step 1: Customer accesses the login page.
- Step 2: Customers enter phone number and password.
- Step3: The customer clicks LOG IN, if the operation is successful, the customer will be directed to the homepage.

#### 1.2.2.4. Book buying Process

- Step 1: The user selects or likes the book.
- Step 2: Choose the number of books, location and delivery time.

- Step 3: Choose the online payment method or at the time of delivery.

#### 1.2.2.5. Book update Process

Website management:

- + Update old and new books.
- + Updating trending books.
- + Delete books.

#### 1.2.2.6. Manager

Manager will need records of employees in the store, including: Full name, date of birth, ID card, date of entry, employee photo, address, position (manager/cashier/cleaner ...)

- Daily attendance.
- Management of employee rewards and punishments by adding or subtracting from salary. Payment at the end of the month = basic salary + overtime (if any) + bonus fine.

#### 1.2.2.7. Customer management process

The store keeps a list of customers and statistics on the frequency of purchases, the value of books purchased. Managers will look at the data to build a strategy.

#### 1.2.2.8. Product Management Process

The store manages a list of products including:

- Basic information: product name, type, number quantity, purchase price and selling price.
- Other information: product inventory, export/import.

To create or edit a product, users need to fill in all the basic information in the premade form . Regular updates such as the number of books will automatically update and there will be 2 statuses. and does not exist.

#### 1.2.3. Current status survey

#### 1.2.3.1. Information technology status

For managers, the age is usually over 30. The computer level of the user does not need to be too high.

#### 1.2.3.2. Hardware status

Hardware: almost all stores have fixed desktops: in sales or management offices. Machine configuration from 2 - 4 GB RAM, intel core i3 –i5 chip and HDD hard drive.

### 1.2.4. Request list

| No | Request name             | Form | Regulation | Note |
|----|--------------------------|------|------------|------|
| 1  | Make a book entry form   | F1   | R1         |      |
| 2  | Make a book sale invoice | F2   | R2         |      |
| 3  | Book lookup              | F3   |            |      |
| 4  | Make a receipt           | F4   | R4         |      |
| 5  | Make monthly report      | F5   |            |      |
| 6  | Change the rules         |      | R6         |      |

### 1.2.5 List of forms and requirements

### 1.2.5.1. Form 1 and regulation 1

#### Form 1:

| F1  | Book Entry Voucher |      |        |         |       |
|-----|--------------------|------|--------|---------|-------|
|     | Date:              |      |        |         |       |
| No. | Book               | Type | Author | Quanity | Price |
| 1   |                    |      |        |         |       |
| 2   |                    |      |        |         |       |

 $R1\colon The\ quantity\ to\ be\ imported\ must\ be\ at\ least\ 150.$  Only import books with less than 300 . in stock

### 1.2.5.2. Form 2 and Regulation 2

#### Form 2:

| 101111 2.         |                    |                    |                         |       |
|-------------------|--------------------|--------------------|-------------------------|-------|
| F2                |                    | Bill of Sale Books |                         |       |
| Name of customer: |                    | Date of orde       | Date of order creation: |       |
|                   |                    |                    |                         | ••••• |
| No                | Book               | Туре               | Quanity                 | Price |
| 1                 |                    |                    |                         |       |
| 2                 |                    |                    |                         |       |
|                   | Total:             |                    |                         |       |
|                   | Amount to be paid: |                    |                         |       |
| Remaining:        |                    |                    |                         |       |

R2: Only sell to customers whose debt is not more than 20,000 and books have at least 20 in stock after selling. Selling unit price = 105% x Import unit price

#### 1.2.5.3. Form 3

### Form 3:

| F3 | List of book |      |        |         |
|----|--------------|------|--------|---------|
| No | Name of book | Туре | Author | Quanity |
| 1  |              |      |        |         |
| 2  |              |      |        |         |

### 1.2.5.4. Form 4 and Regulation 4

#### Form 4:

| F4                | Bill     |
|-------------------|----------|
| Name of Customer: | Address: |
|                   |          |
|                   |          |
| Phone Number:     | Total:   |
| Payment date:     |          |

#### 1.2.5.5. Form 5

### - Form 5.1:

| F5.1 |        | Inventory Report |          |               |
|------|--------|------------------|----------|---------------|
|      | Month: |                  |          |               |
| No   | Book   | Opening stock    | Incurred | Closing stock |
| 1    |        |                  |          |               |
| 2    |        |                  |          |               |

#### - Form 5.2:

| F5.2 |          | Liabilities Report  |          |                     |
|------|----------|---------------------|----------|---------------------|
|      | Month:   |                     |          |                     |
| No   | Customer | Opening liabilities | Incurred | Closing liabilities |
| 1    |          |                     |          |                     |
| 2    |          |                     |          |                     |

R6: Users can change the following rules:

- +R1: Change the minimum import quantity, the minimum stock quantity before importing.
- +R2: Change the maximum debt amount, the minimum amount of inventory after selling.
  - +R3: Use or not use this regulation.

### **CHAPTER 2. USECASE DIAGRAM**

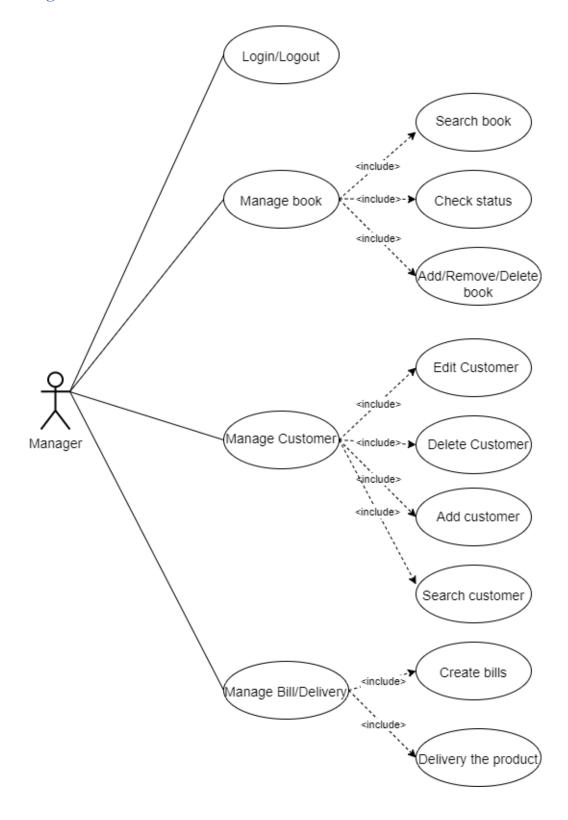
### 2.1. Actor list

| N.o | Actor name | Note                                  |
|-----|------------|---------------------------------------|
| 1   | Customer   | View, search product                  |
| 2   | Manager    | Manage customer, book, bill, delivery |

#### 2.2. Customer use case



### 2.3 Manager use case



### 2.4 Use case list

| N.o | Use case name    | Description                                                                                                             |
|-----|------------------|-------------------------------------------------------------------------------------------------------------------------|
| 1   | Login            | Login into system account                                                                                               |
| 2   | Log out          | Logout of system account                                                                                                |
| 3   | Sign up          | Create account into system                                                                                              |
| 4   | Manage account   | Manage the username, password, address                                                                                  |
| 5   | View product     | Add to cart, update cart, search product                                                                                |
| 6   | Cart             | Add product, manage bill                                                                                                |
| 7   | QnA/FAQ          | Frequently Asked Questions, question and ask                                                                            |
| 8   | Manage Book      | Search book, add book, remove book, delete book, check status                                                           |
| 9   | Manage Customers | Edit customer, delete customer, add customer, search customer                                                           |
| 10  | Manage Bills     | + Include name, phone number, address, name of products, total number of products, total price + Order status tracking. |

### 2.5. Use case description

### 2.5.1. Use case Login:

| Use case Login |                                |                       |
|----------------|--------------------------------|-----------------------|
| Description    | User login into their account  |                       |
| Actor          | Customer, Manager              |                       |
| Main Path      | Actor action                   | System Response       |
|                | 1. Click on login              | 2. Display login form |
|                | 3. Input username and          | 4. Check valid        |
|                | password                       |                       |
|                |                                | 5. Login Success      |
|                |                                | 6. Return main page   |
| Alternate Path | A1. Wrong password or username |                       |

|                | 5. Input again                      |
|----------------|-------------------------------------|
|                | Return to step 2                    |
| Pre-condition  | The user first must have an account |
| Post-condition | Already Login                       |

### 2.5.2. Use case Logout:

| Use case Logout |                              |                        |
|-----------------|------------------------------|------------------------|
| Description     | User logout of their account |                        |
| Actor           | Customer, Manager            |                        |
|                 | Actor action                 | System Response        |
| Main Path       | 1. Click on logout           | 2. Display logout form |
|                 |                              | 3. Logout success      |
| Alternate Path  |                              |                        |
| Pre-condition   | Already login                |                        |
| Post-condition  |                              |                        |

### 2.5.3 Use case Sign up

| Use case Sign up |                                                |                      |
|------------------|------------------------------------------------|----------------------|
| Description      | User create new account                        |                      |
| Actor            | Customer, Manager                              |                      |
| Main Path        | Actor action                                   | System Response      |
|                  | <ol> <li>Click on sign up</li> </ol>           | 2. Display sign up   |
|                  |                                                | form                 |
|                  | 3. Input username and                          | 4. Check if username |
|                  | password                                       | valid                |
|                  |                                                | 5. Sign up Success   |
|                  |                                                | 6. Return main page  |
| Alternate Path   | A1. Username is not available or inappropriate |                      |
|                  | 5. Signup failed message                       |                      |
|                  | Return to step 3                               |                      |
| Pre-condition    | Username is not taken                          |                      |
| Post-condition   | Account created                                |                      |

### 2.5.4. Use case Search product

| Use case Search product |                                                             |  |
|-------------------------|-------------------------------------------------------------|--|
| Description             | A user visiting the website wishes to search for a product. |  |
| Actor                   | Customer                                                    |  |

| Main Path      | Actor action                                                            | System Response         |
|----------------|-------------------------------------------------------------------------|-------------------------|
|                | 1. Input the key word                                                   | 2. Display product list |
|                |                                                                         |                         |
| Alternate Path | A1. No result                                                           |                         |
|                | 2. Blank space                                                          |                         |
| Pre-condition  | User has a registered account, and has logged into the website with it. |                         |
| Post-condition | A searchable list of items has been returned to the user in terms of    |                         |
|                | relevancy to the search they performed.                                 |                         |

### 2.5.5. Use case Add product

| Use case Add product |                                                                      |                    |  |
|----------------------|----------------------------------------------------------------------|--------------------|--|
| Description          | A user visits the website and has added items to the shopping cart.  |                    |  |
| Actor                | Customer                                                             | Customer           |  |
| Main Path            | Actor action System Response                                         |                    |  |
|                      | 1. Choose the item                                                   | 2. Display product |  |
|                      |                                                                      | detail             |  |
|                      | 3. Click on add item                                                 | 4. Item added      |  |
| Alternate Path       |                                                                      |                    |  |
| Pre-condition        | User has a registered account in the system and has logged on to the |                    |  |
|                      | website.                                                             |                    |  |
| Post-condition       | Product(s) have been added to the user's cart.                       |                    |  |

### 2.5.6. Use case Manage bills

|                | Use case mana                                                   | ige bills                  |
|----------------|-----------------------------------------------------------------|----------------------------|
| Description    | User pay for items in cart                                      |                            |
| Actor          | Customer                                                        |                            |
|                | Actor action                                                    | System Response            |
| Main Path      | 1. Choose the cart                                              | 2. Display product list in |
|                |                                                                 | cart                       |
|                | 3. User choose                                                  | 4. Bill will be displayed  |
|                | "process payment"                                               | in the customer's my       |
|                |                                                                 | purchase section           |
|                |                                                                 |                            |
| Alternate Path |                                                                 |                            |
| Pre-condition  | Customer must have an account and an open order.                |                            |
| Post-condition | Payment is created on customers account and payment successful. |                            |

### 2.5.7. Use case change information

|             | $\mathcal{E}$                            |
|-------------|------------------------------------------|
|             | Use case Change Information              |
| Description | User change information of their account |

| Actor          | Customer, Manager                 |                        |
|----------------|-----------------------------------|------------------------|
|                | Actor action                      | System Response        |
|                | 1. Click on change                | 2. Enter password to   |
| Main Path      | information                       | verify                 |
|                | 3. User verified                  |                        |
|                | 4. Input new info                 | 5. Update successfully |
|                |                                   |                        |
|                | A1. User name or password invalid | id                     |
| Alternate Path | Alternate Path 2. Input again     |                        |
|                | Return to step 3                  |                        |
| Pre-condition  | The user must login first         |                        |
| Post-condition | Information has been changed      |                        |

### 2.5.8. Use case recovery

|                | Use case Rec                      | covery                    |
|----------------|-----------------------------------|---------------------------|
| Description    | User reset their password         |                           |
| Actor          | Customer, Manager                 |                           |
|                | Actor action                      | System Response           |
| Main Path      | 1. Click on forgot password       | 2. Send mail to user      |
|                | 3. User verified                  | 4. Navigate to reset page |
|                | 5. User Input new password        | 6. Reset successfully     |
|                | A1. Email cannot reach            |                           |
| Alternate Path | Send verify code to phone instead |                           |
|                | Return to step 3                  |                           |
| Pre-condition  | User forgot their password        |                           |
| Post-condition | Password has been reset           |                           |

### 2.5.9. Use case Add book

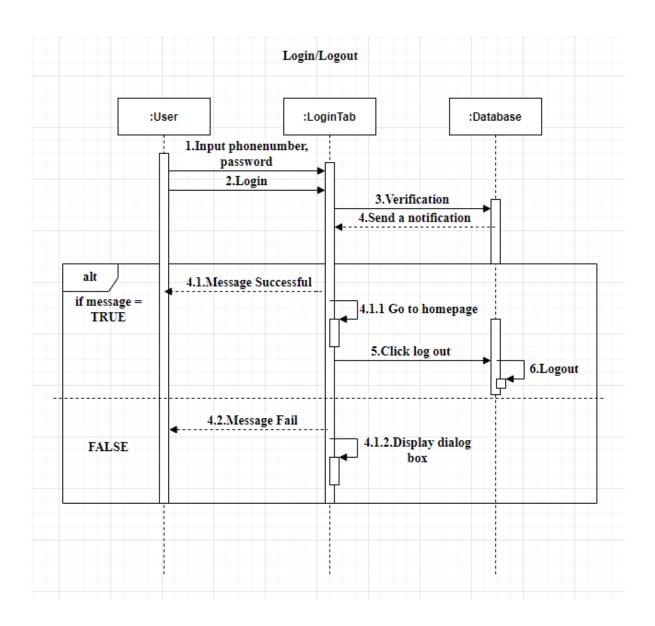
| Use case Add book |                          |                    |
|-------------------|--------------------------|--------------------|
| Description       | Add new book into system |                    |
| Actor             | Manager                  |                    |
| Main Path         | Actor action             | System Response    |
|                   | 1. Choose the item       | 2. Display product |
|                   |                          | detail             |
|                   | 4. Click on add item     | 5. Item added      |
| Alternate Path    |                          |                    |

|                | User has a registered account in the system and has logged on to the website. |
|----------------|-------------------------------------------------------------------------------|
| Post-condition | Product(s) have been added to the user's cart.                                |

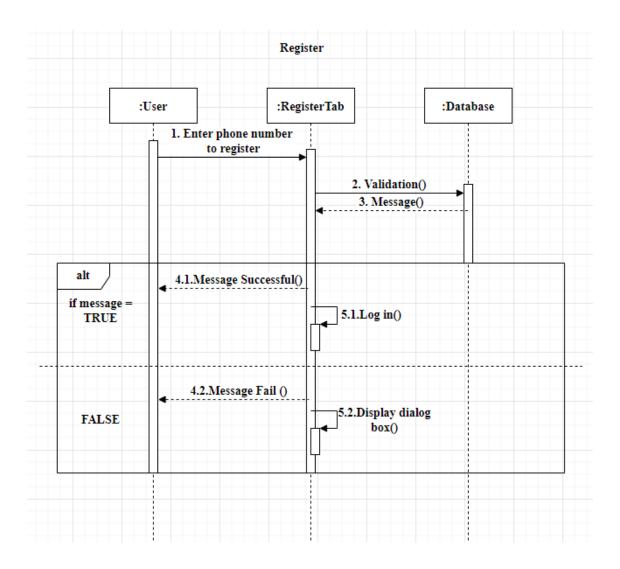
### **CHAPTER 3. ANALYZE**

### 3.2. Sequence diagram:

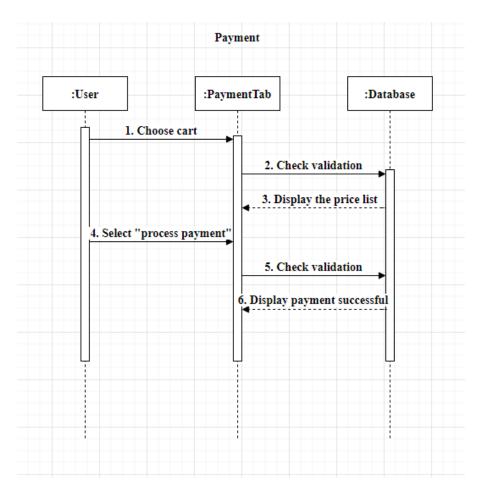
### 3.2.1. Login/Logout:



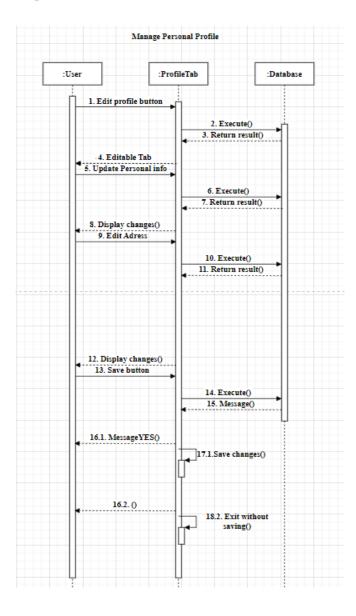
### 3.2.2. Register:



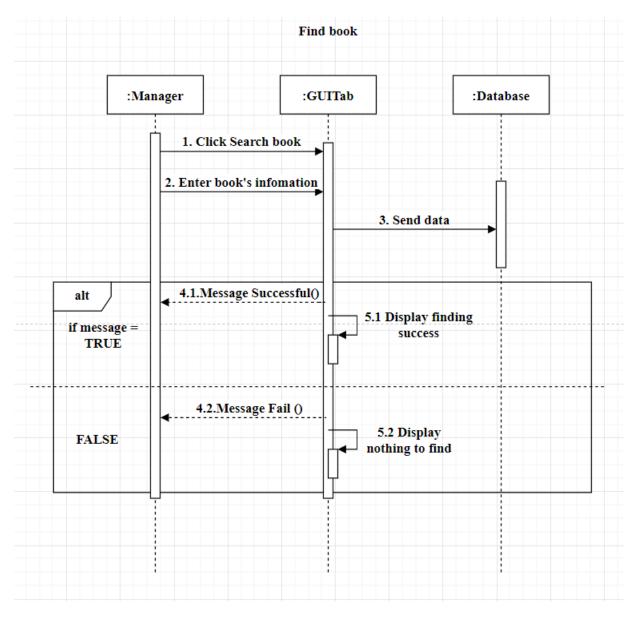
### 3.2.3. Payment:



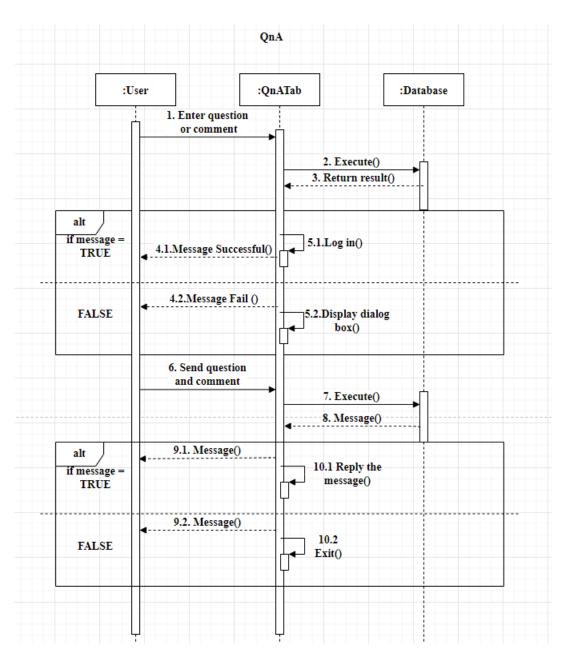
### 3.2.4. Manage personal profile:



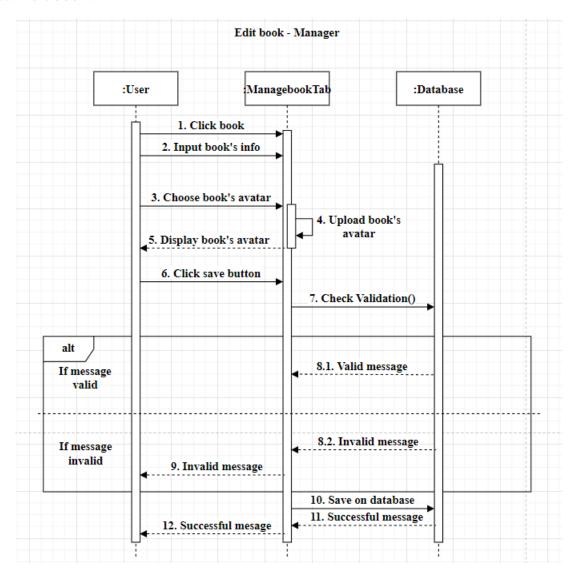
### 3.2.5. Find book:



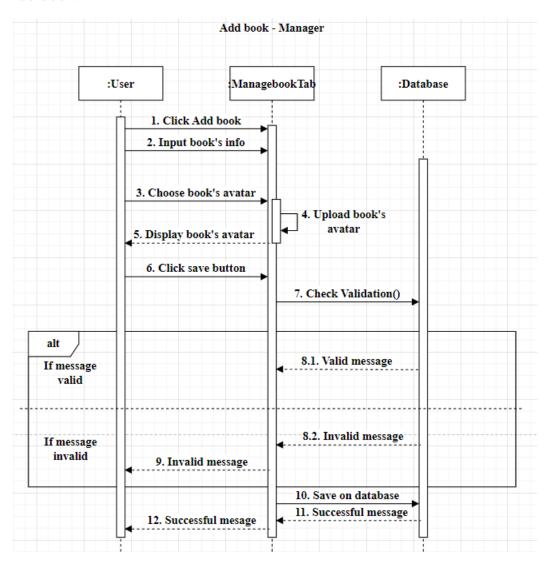
### 3.2.6. QnA:



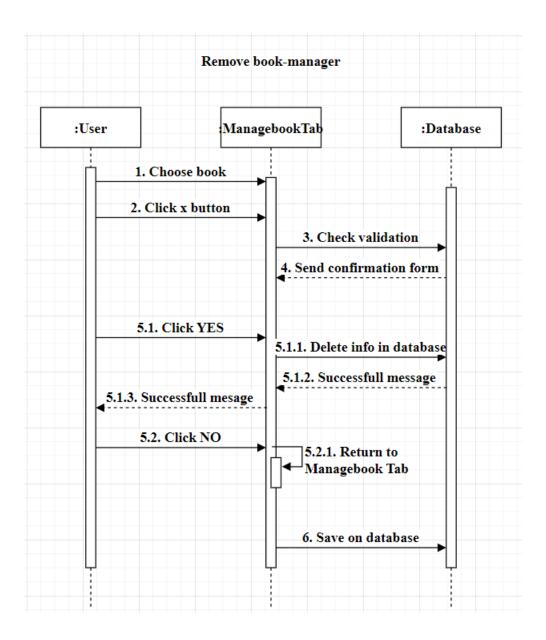
### 3.2.7. Edit book:



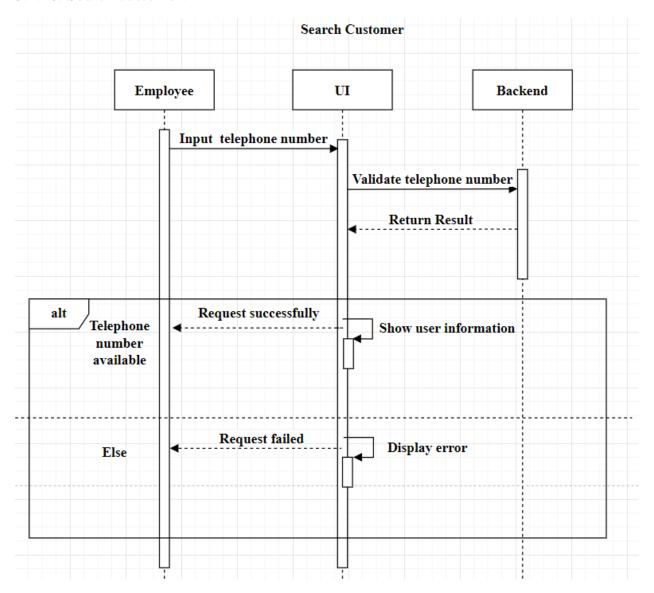
### 3.2.8. Add book:



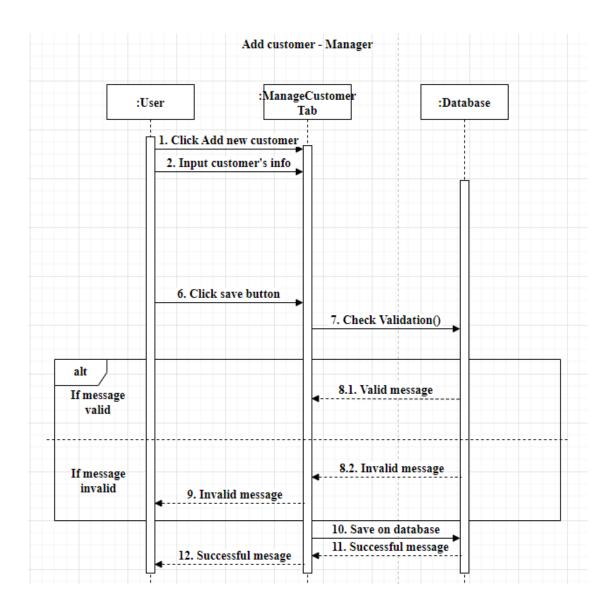
### 3.2.9. Remove book:



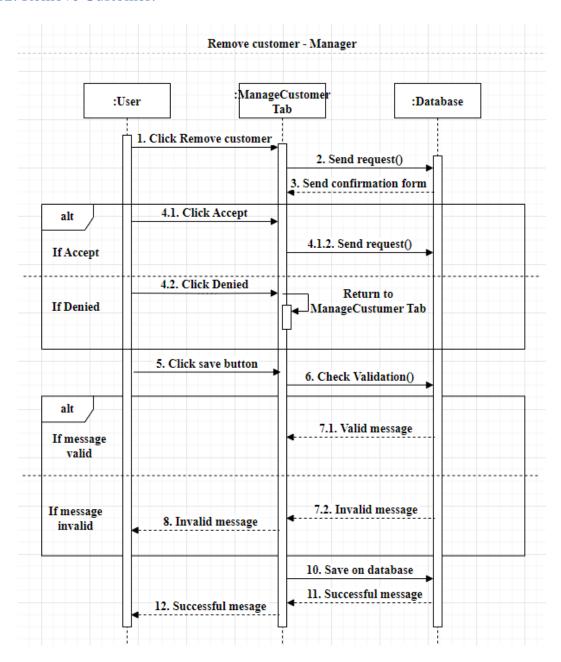
### 3.2.10. Search customer:



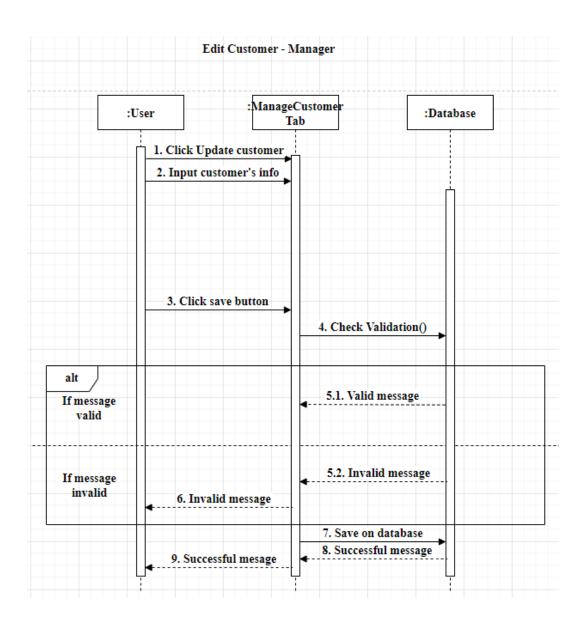
### 3.2.11. Add Customer:



#### 3.2.12. Remove Customer:

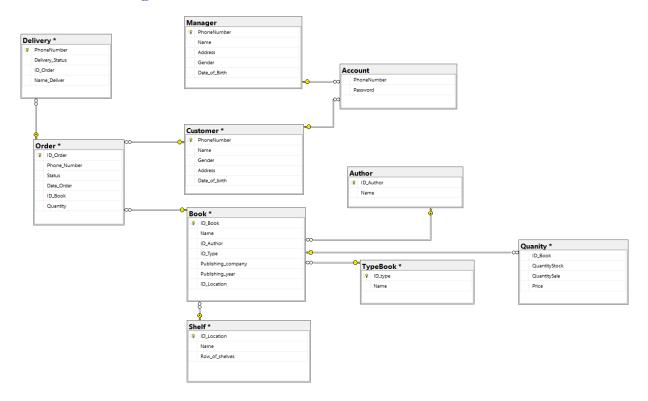


### 3.2.13. Edit Customer:



### **CHAPTER 4: DATABASE**

### 4.1. Database Diagram



### 4.2. Database description

### 4.2.1. Manager

| Description  | Element and Function | Data type    | Note                     |
|--------------|----------------------|--------------|--------------------------|
| Saving       | PhoneNumber          | nchar[10]    | Phone number of Manager  |
| manager info | Address              | nchar[10]    | House Address of Manager |
|              | Name                 | nchar[10]    | Name of Manager          |
|              | Gender               | nchar[10]    | Gender of Manager        |
|              | Date_of_Birth        | nvarchar[50] | Date of birth of manager |

### 4.2.2. Delivery

| Description   | Element and Function | Data type | Note                    |
|---------------|----------------------|-----------|-------------------------|
| Saving        | PhoneNumber          | nchar[10] | Phone number of deliver |
| Delivery info | Delivery_Status      | nchar[10] | Status of Delivery      |
|               | ID_Order             | nchar[10] | ID of Order             |
|               | Name_Deliver         | nchar[10] | Name of deliver         |

### 4.2.3. Order

| Description Element and Function | Data type | Note |
|----------------------------------|-----------|------|
|----------------------------------|-----------|------|

| Saving     | ID_Order     | nchar[10]    | ID of Order              |
|------------|--------------|--------------|--------------------------|
| Order Info | Phone_Number | nvarchar[10] | Phone number of Customer |
|            | Status       | nchar[10]    | Status of Order          |
|            | Date_Order   | nchar[10]    | Date of order            |
|            | ID_Book      | nchar[10]    | Detail of order          |
|            | Quantity     | nchar[10]    | Number book of each type |

### 4.2.4. Customer

| Description   | Element and Function | Data type | Note                      |
|---------------|----------------------|-----------|---------------------------|
| Saving        | PhoneNumber          | nchar[10] | Phone number of Customer  |
| Customer Info | Name                 | nchar[10] | Name of Customer          |
|               | Gender               | nchar[10] | Gender of customer        |
|               | Address              | nchar[10] | Address of customer       |
|               | Date_of_birth        | nchar[10] | Date of birth of customer |

### 4.2.5. Book

| Description | Element and Function | Data type     | Note               |
|-------------|----------------------|---------------|--------------------|
| Saving      | ID_Book              | nchar[10]     | ID number of book  |
| Book Info   | Name                 | nchar[10]     | Name of the book   |
|             | ID_Author            | nchar[10]     | ID of Author       |
|             | ID_Type              | nchar[10]     | ID of Type book    |
|             | Publishing_company   | nvarchar[50]  | Publishing company |
|             | Publishing_year      | numeric(18,0) | Publishing year    |
|             | ID_Location          | nchar[10]     | ID of Shelf        |

### 4.2.6. Quantity

| Description   | Element and Function | Data type     | Note                      |
|---------------|----------------------|---------------|---------------------------|
| Saving        | ID_Book              | nchar[10]     | ID of Book                |
| Quantity info | QuantityStock        | numeric(18,0) | Quantity of book in stock |
|               | QuantitySale         | numeric(18,0) | Quantity of book for sale |
|               | Price                | numeric(18,0) | Price of book             |

### 4.2.7. Shelf

| Description   | Element and Function | Data type     | Note                          |
|---------------|----------------------|---------------|-------------------------------|
| Saving        | ID_Location          | nchar[10]     | ID of Book                    |
| Quantity info | Name                 | nchar[10]     | Name of Shelf                 |
|               | Row_of_shelves       | numeric(18,0) | Ordinal numbers of each Shelf |
|               |                      |               |                               |

### 4.2.8. TypeBook

| Description   | Element and Function | Data type | Note             |
|---------------|----------------------|-----------|------------------|
| Saving        | ID_Type              | nchar[10] | ID of TypeBook   |
| TypeBook info |                      |           |                  |
|               | Name                 | nchar[10] | Name of TypeBook |

### 4.2.9. Account

| Description  | Element and Function | Data type    | Note                         |
|--------------|----------------------|--------------|------------------------------|
| Saving       | PhoneNumber          | nchar[10]    | Phone number of customer and |
| Account info |                      |              | manager                      |
|              | Password             | nvarchar[50] | Password of Account          |

### 4.2.10. Author

| Description   | Element and Function | Data type | Note           |
|---------------|----------------------|-----------|----------------|
| Saving Author | ID_Author            | nchar[10] | ID of Author   |
| info          |                      |           |                |
|               | Name                 | nchar[10] | Name of Author |

### **CHAPTER 5: DESIGN THE INTERFACE**

### 5.1. List of screens

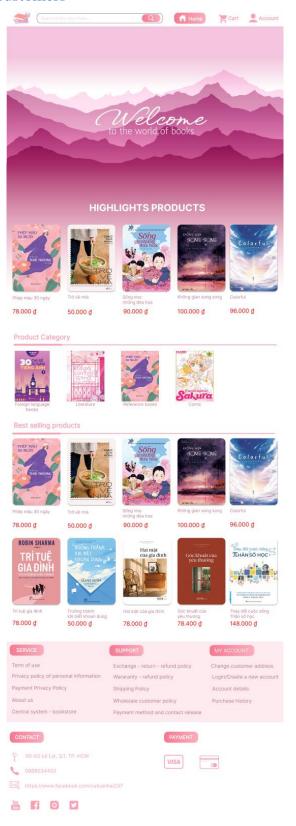
| No  | Name of screen           | Type of screen                  | Function                                                                                      |
|-----|--------------------------|---------------------------------|-----------------------------------------------------------------------------------------------|
| 1.1 | Home screen for customer | Home screen,<br>lookup screen   | Show the information of some typical books and The taskbar has an additional "cart" feature   |
| 1.2 | Home screen for manager  | Home screen,<br>lookup screen   | Show the information of some typical books and The taskbar has an additional "manage" feature |
| 2   | Login screen             | Input screen                    | Allow customer and manager log in                                                             |
| 3   | Signup screen            | Input screen                    | Allow customer and manager sign up                                                            |
| 4   | Sale receipt screen      | Data report screen              | Allows display, validation and printing                                                       |
| 5   | Product                  |                                 |                                                                                               |
| 5.1 | Add product              | Input screen,Data report screen | Allow manager add some books                                                                  |
| 5.2 | Remove product           | Input screen,Data report screen | Allow manager delete some books                                                               |
| 5.3 | Edit product             | Input screen                    | Allow manager type some information about the books                                           |
| 6.  | Manage Customer          |                                 |                                                                                               |
| 6.1 | Add customer             | Input screen,Data               | Allow manager add                                                                             |

|     |                         | report screen                    | some customers.                                                        |
|-----|-------------------------|----------------------------------|------------------------------------------------------------------------|
| 6.2 | Remove customer         | Input screen,Data report screen  | Allow manager delete some customers.                                   |
| 6.3 | Edit customer           | Input screen,Data report screen  | Allow manager type some information about the customer                 |
| 6.4 | Search customer         | Input screen,Data report screen  | Find customers and maybe update some information.                      |
| 7.  | Manage bill             | Data report screen               | Allow the manager to confirm, print bills, prepare books, and deliver. |
| 8.  | Manager account         |                                  |                                                                        |
| 8.1 | Profile                 | Input screen                     | Allow manager input some information                                   |
| 8.2 | Customer service        | Input screen, Data report screen | Manager can do part 'question and answer' with the customer.           |
| 9.  | Log out                 | Input screen                     | Allow manager and customer can log out                                 |
| 10. | Information of the book | Data report screen               | View the information of the book.                                      |
| 11. | Cart                    | Data report screen               | View all products,<br>number, total<br>money of the<br>product.        |
| 12. | Order successfully      | Data report screen               | Show that customer order successfully                                  |

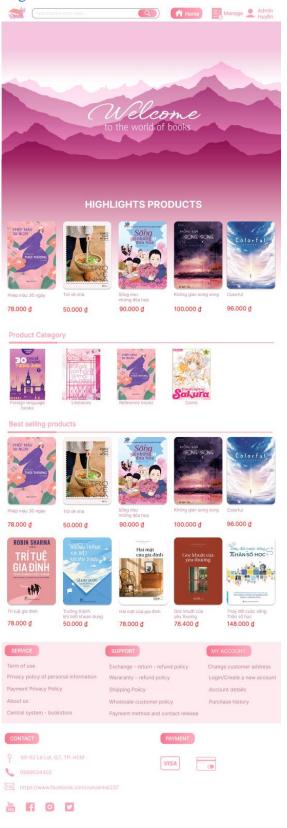
| 13. | Change password for customer  | Input screen                    | Allow customer change the password when they are forget                                        |
|-----|-------------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| 14  | Recover password for customer | Input screen                    | System will send an otp code into phone number and customer will type that code into this page |
| 15  | Manage purchase for customer  | Data report screen              | Customer can view the status and total money of the bill.                                      |
| 16  | QnA for customer              | Input screen,Data report screen | Customer can view the answer from employee and they can reply.                                 |
|     |                               |                                 |                                                                                                |

### 5.2. Detailed description of screens

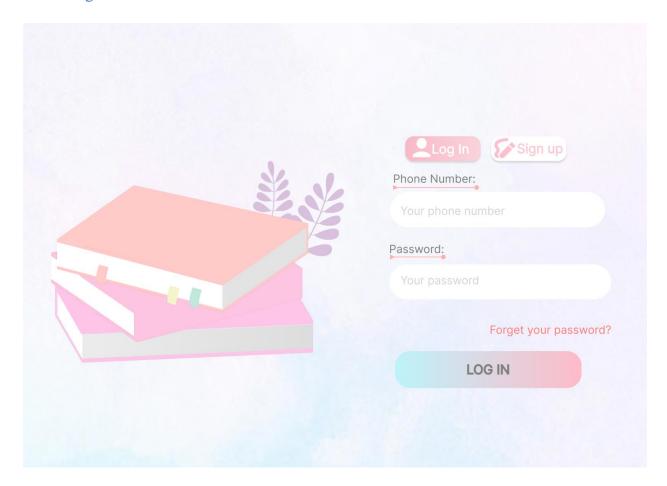
### 5.2.1. Home screen for customers



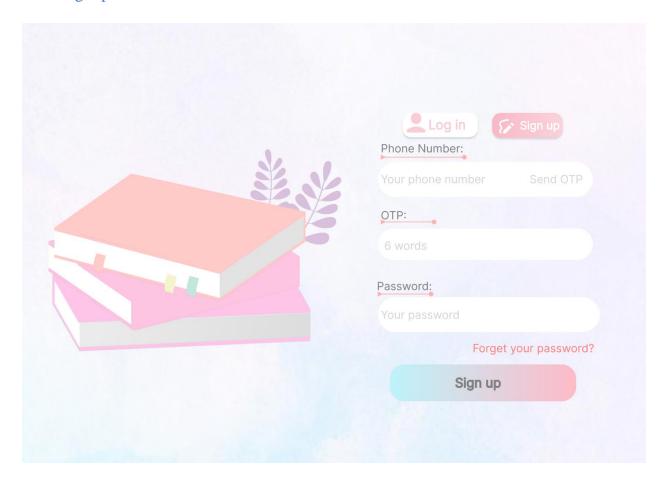
### 5.2.2 Home screen for manager



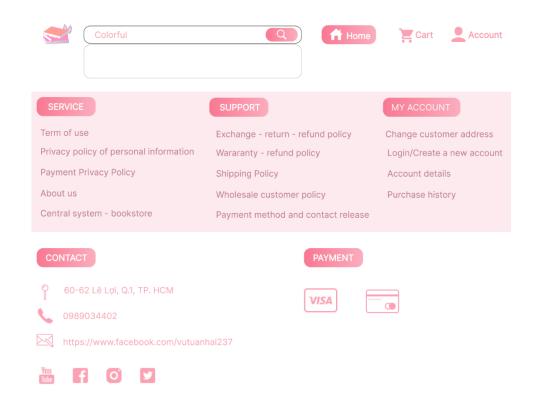
# 5.2.3. Login screen



# 5.2.4 Signup screen

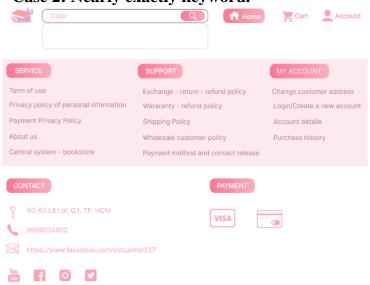


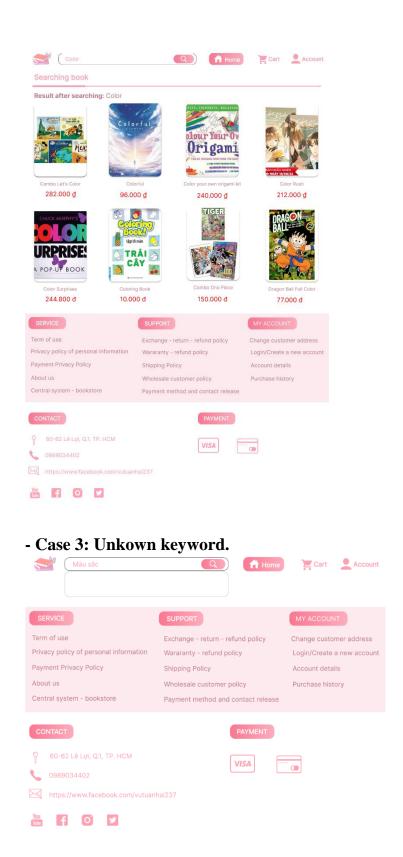
- Case 1: Exactly keyword.





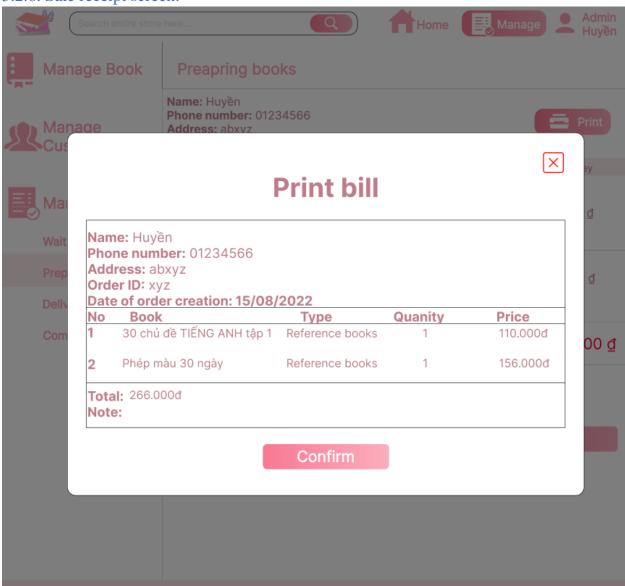
- Case 2: Nearly exactly keyword.







## 5.2.6. Sale receipt screen:



#### 5.2.7. Product add/remove/edit screen

- Remove book











## Manage Book





#### Manage Books



Phép màu 30 ngày ID: PM123

78.000 ₫

Stock: 100

Sell: 30



Trở về nhà ID: PM234



50.000 ₫

Stock: 110 Sell: 30



Sống như những đóa hoa ID: PM567

#### 90.000 ₫

Stock: 110 Sell: 30



Không gian song song ID: PM678

#### 100.000 ₫

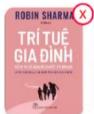
Stock: 110 Sell: 30



Colorful ID: PM789

# 96.000 ₫

Stock: 110 Sell: 30



Trí tuệ gia định ID: TT123

78.000 đ

Stock: 100

Sell: 30

Trưởng thành khi biết khoan dung ID: TT124

#### 50.000 đ

Stock: 110 Sell: 30



Hai mặt của gia dinh ID: HM124

#### 78.000 đ

Stock: 110 Sell: 30



yêu thương ID: GK123

#### 78.400 d

Stock: 110 Sell: 30



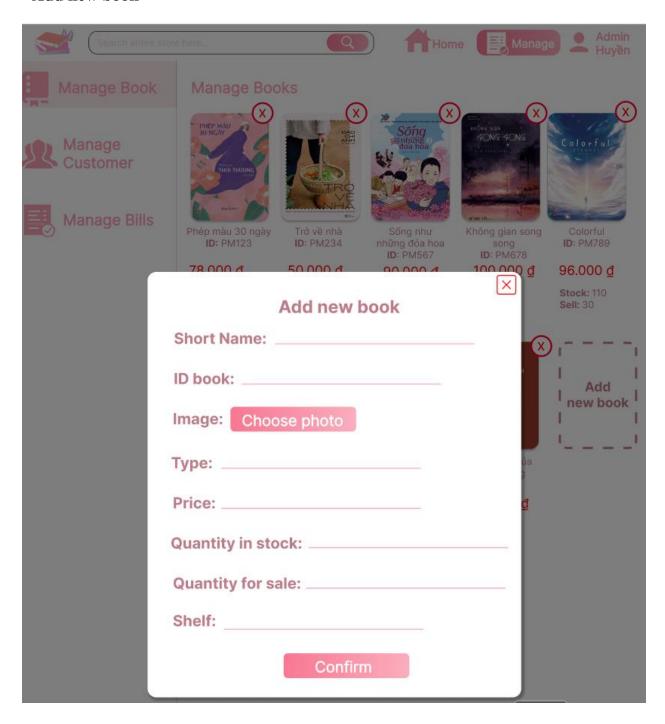
Góc khuất của Thay đối cuộc sống Thần số học ID: TD123

#### 148.000 đ

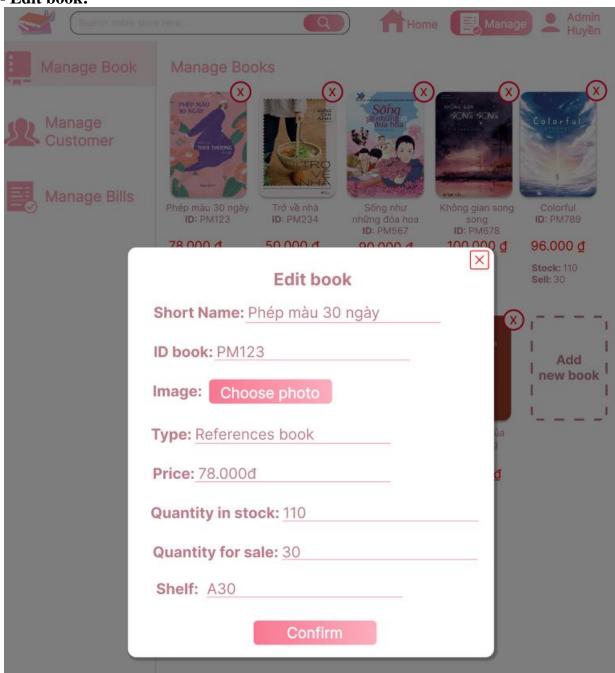
Stock: 110 Sell: 30

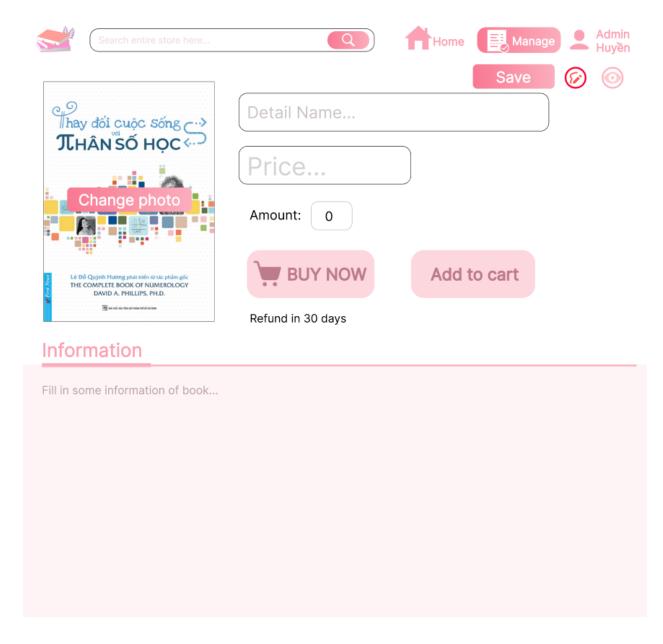


#### - Add new book

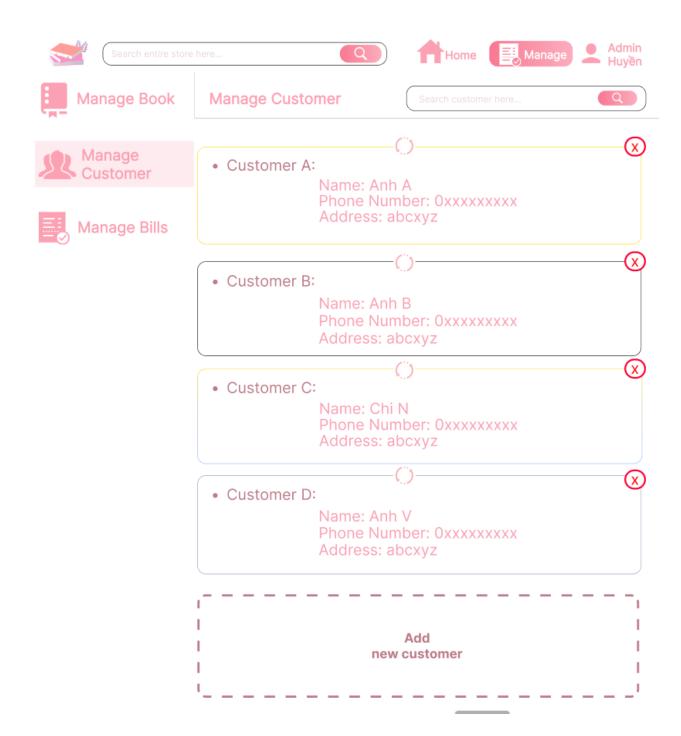


## - Edit book:

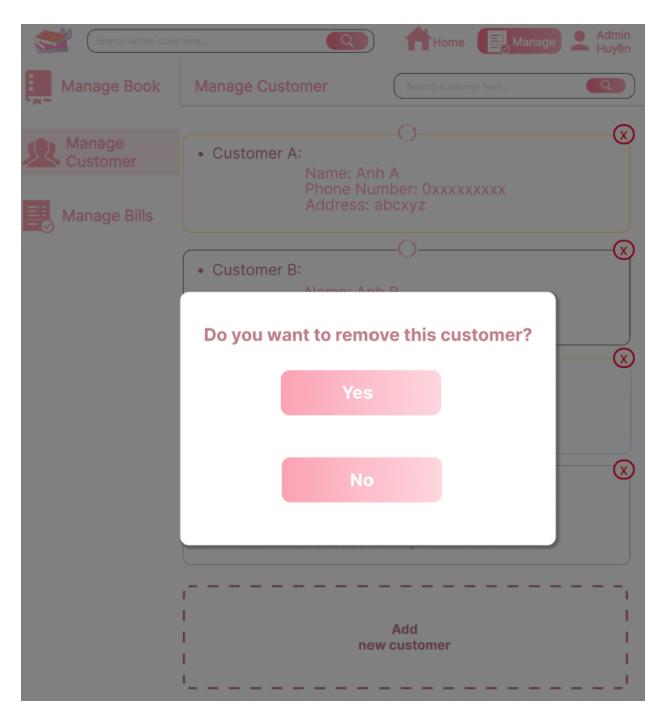




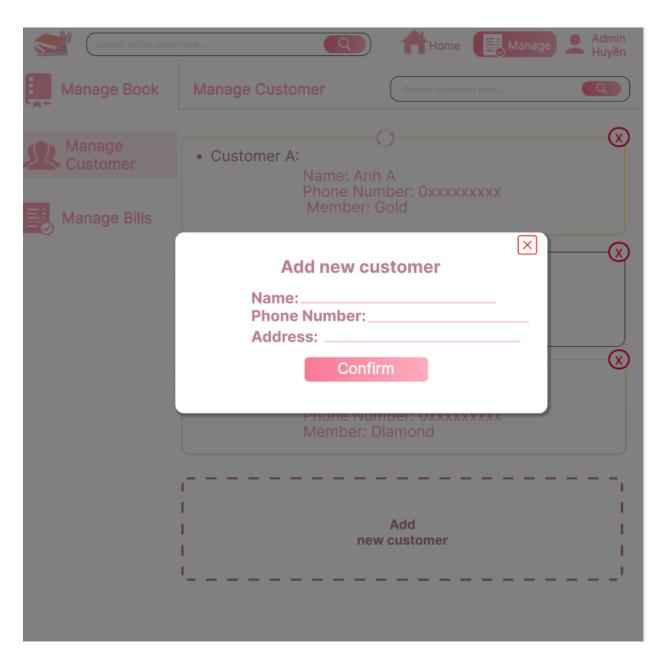
## 5.2.8. Customer add/remove/edit screen



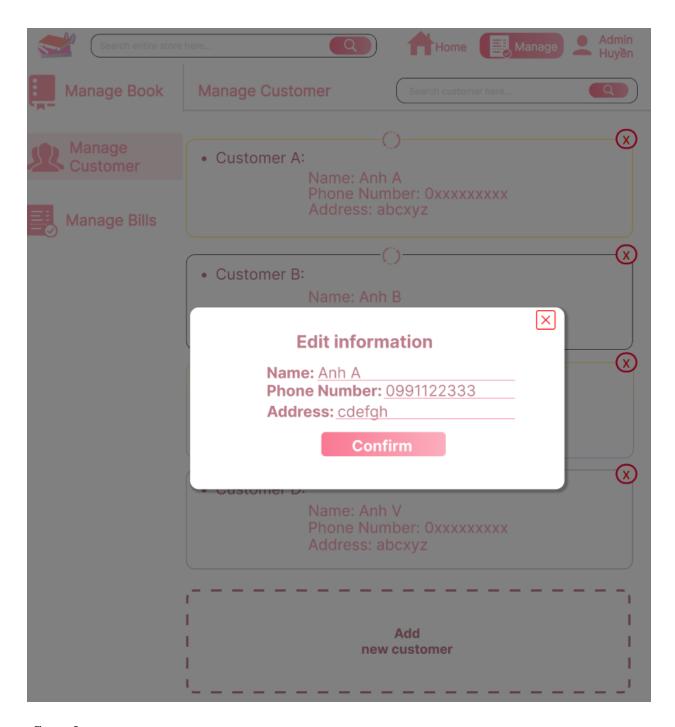
#### -Remove customer



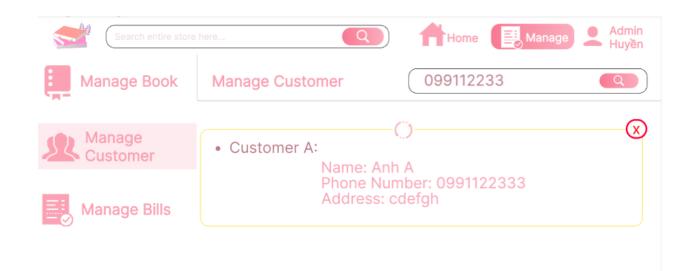
- Add new customer



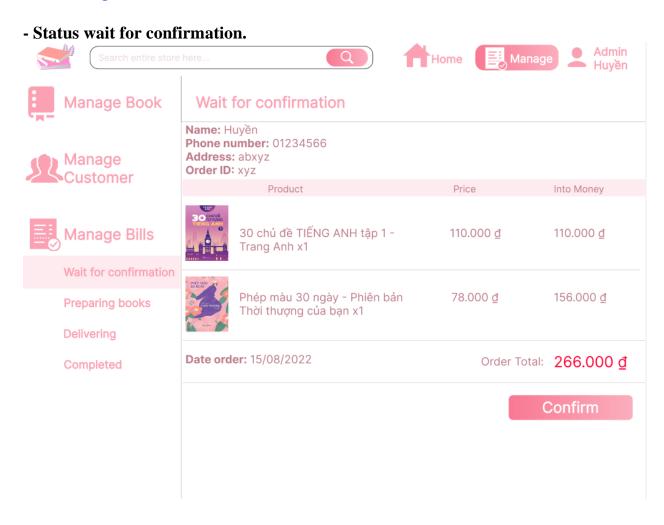
## - Edit customer



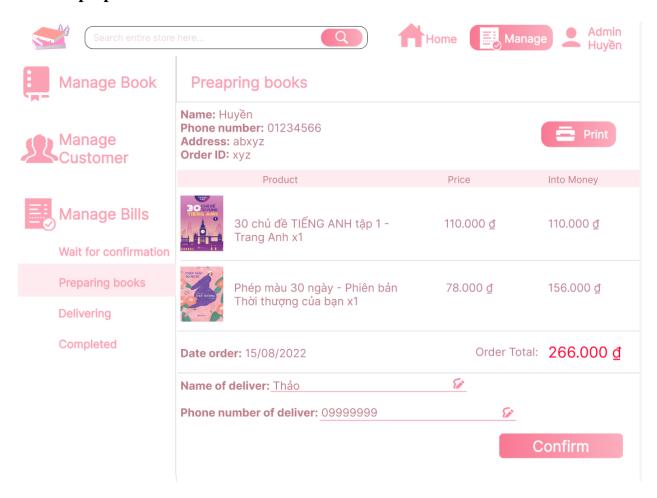
-Search customer



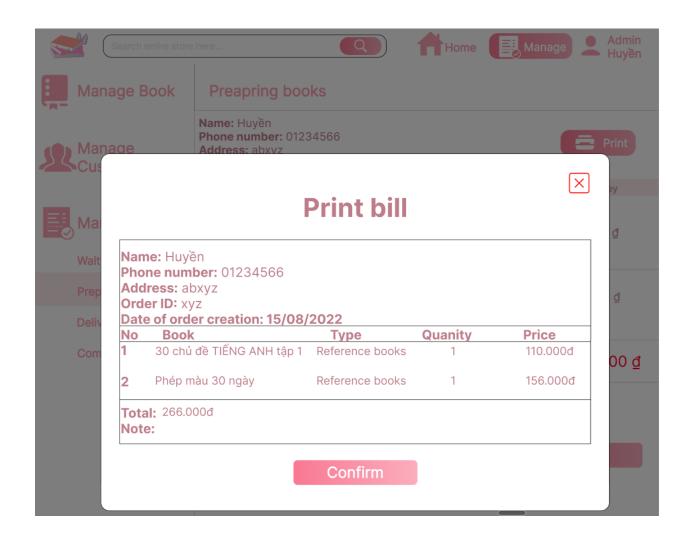
#### 5.2.9 Manage Bill



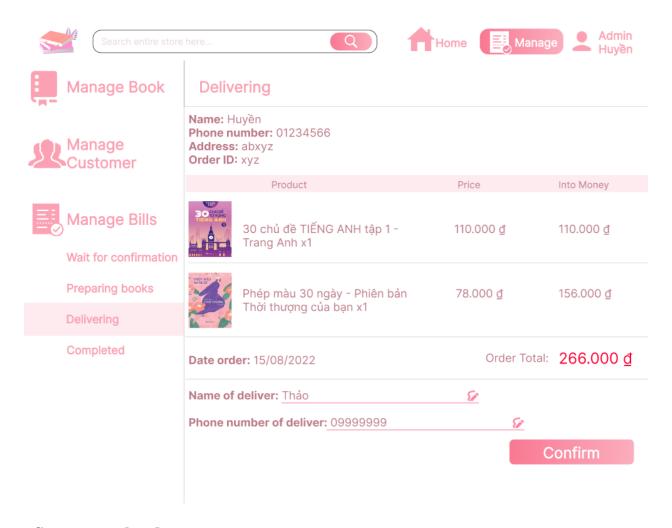
## - Status prepare books



#### - Print bill



## - Status delivery



## - Status completed



Search entire store here...









## Manage Book





Phone number: 01234566

Address: abxyz Order ID: xyz

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Product                                                | Price           | Into Money |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------|------------|
| 3 Carried                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30 chủ đề TIẾNG ANH tập 1 -<br>Trang Anh x1            | 110.000 ₫       | 110.000 ਰੁ |
| MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHIN<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE<br>MACHINE | Phép màu 30 ngày - Phiên bản<br>Thời thượng của bạn x1 | 78.000 <u>đ</u> | 156.000 ₫  |

Manage Bills

Manage

ustomer

Wait for confirmation

Preparing books

Delivering

Completed Date order: 15/08/2022 Order Total: 266.000 d

Name of deliver: Thảo

Phone number of deliver: 09999999

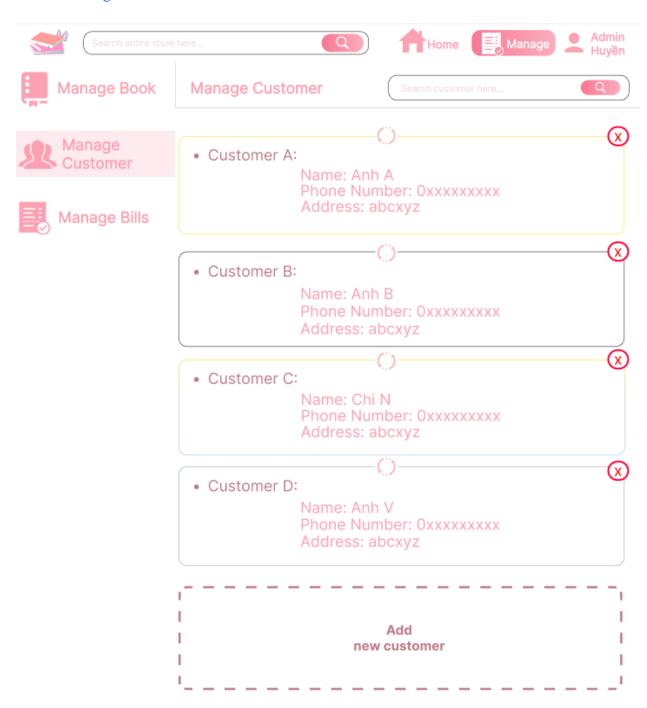
Name: Quyên

Phone number: 01204566

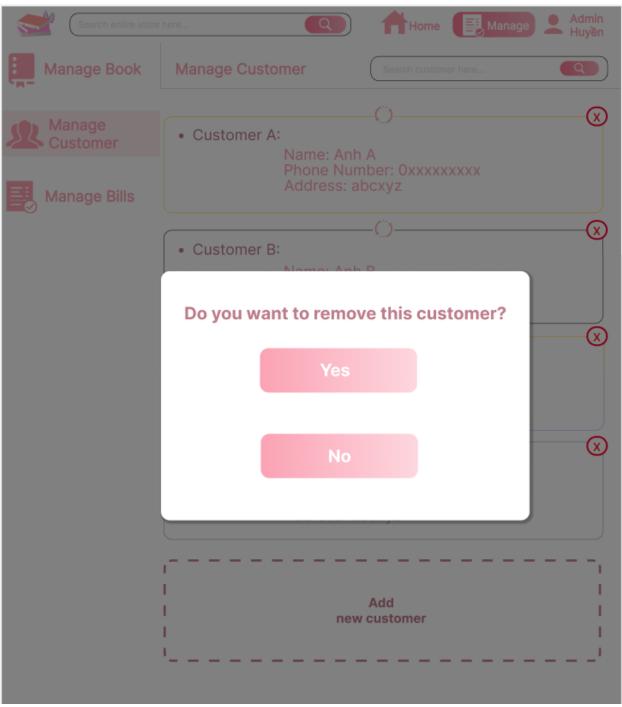
Address: xyzabc Order ID: ijk

|             | Product      | Price        | Into Money |  |
|-------------|--------------|--------------|------------|--|
| THE T       | rở về nhà x1 | 50.000 ਖੁ    | 50.000 ₫   |  |
| Date order: | 14/08/2022   | Order Total: | 50.000 ਰੁ  |  |
|             |              |              |            |  |
| Name of de  | eliver: Thảo |              |            |  |

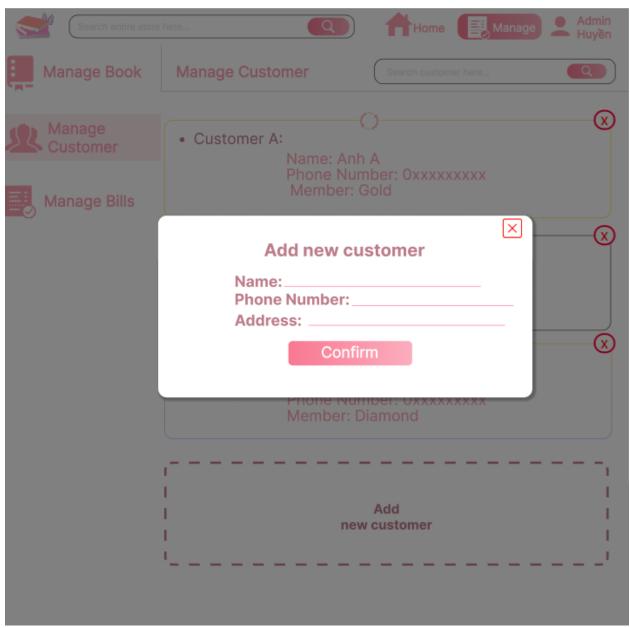
## 5.2.10 Manage customer



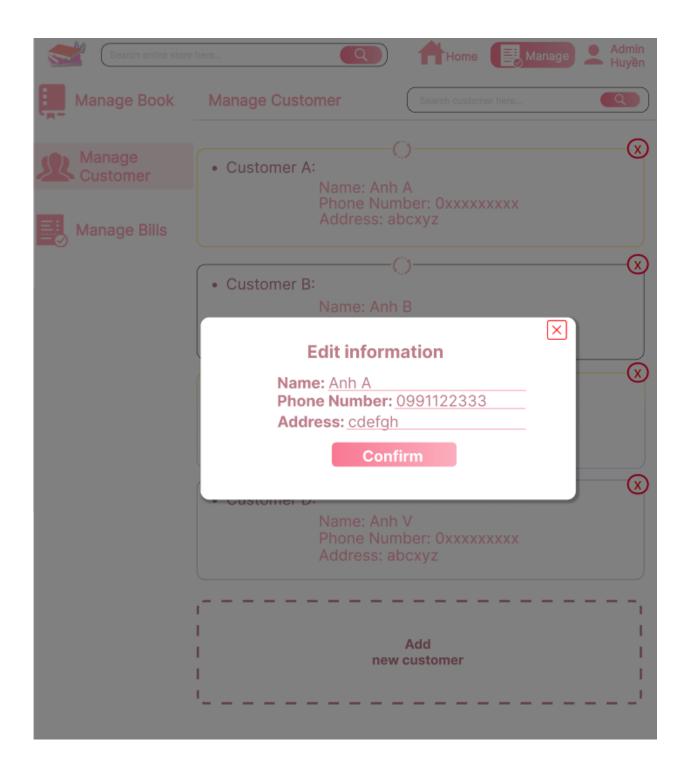
- Remover customer



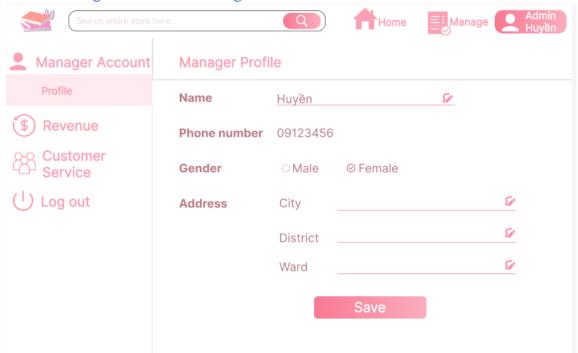
- Add customer



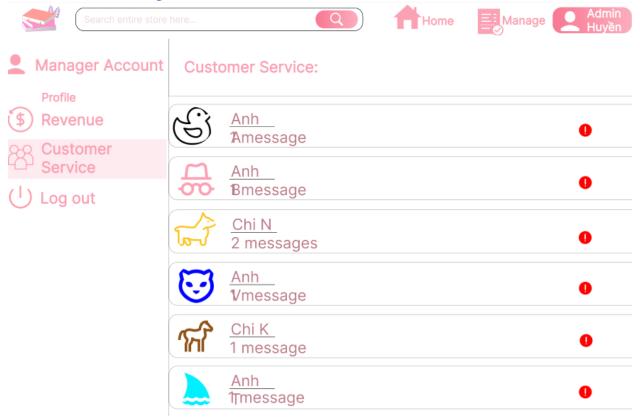
- Edit customer

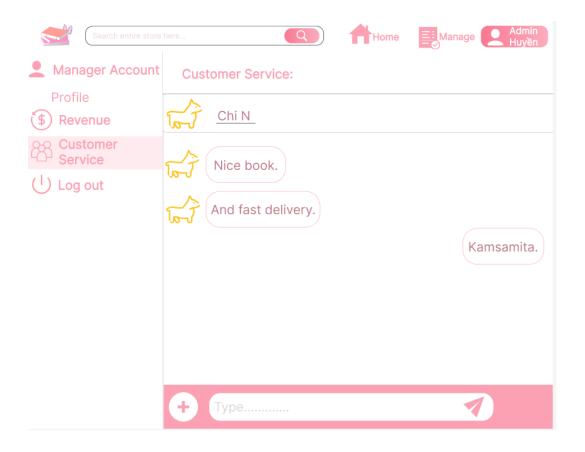


## 5.2.10 Manage account for manager

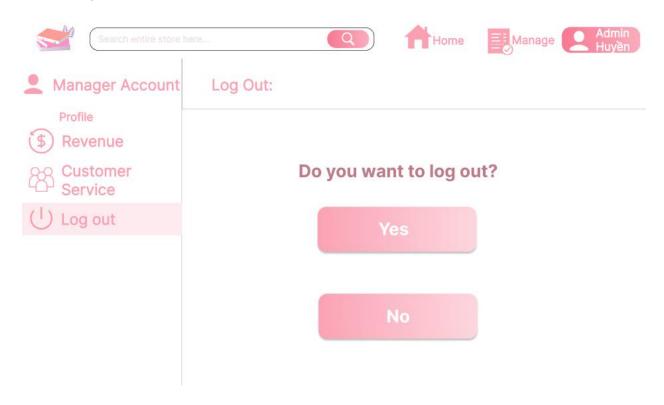


## 5.2.11 QnA for manage





## 5.2.12 Logout



#### 5.2.13 Information of book













🡚 Home / Reference books / Phép Màu 30 Ngày – Phiên Bản Thời Thượng Của Bạn



Phép Màu 30 Ngày - Phiên Bản Thời Thương Của Ban

78.000 đ

Amount:



Add to cart

Refund in 30 days

## Information

30 Days Miracle - Your Trendy Version Publisher: World Publishing House.

Publisher: Bloombooks.

Author: Fiona Ferris. Author ID: ppatdd.

Dimensions: 17 × 22 cm. Number of pages: 300. ID type: xyzabc.

Publication date: 03-2020. Cover Type: Paperback.

Content:

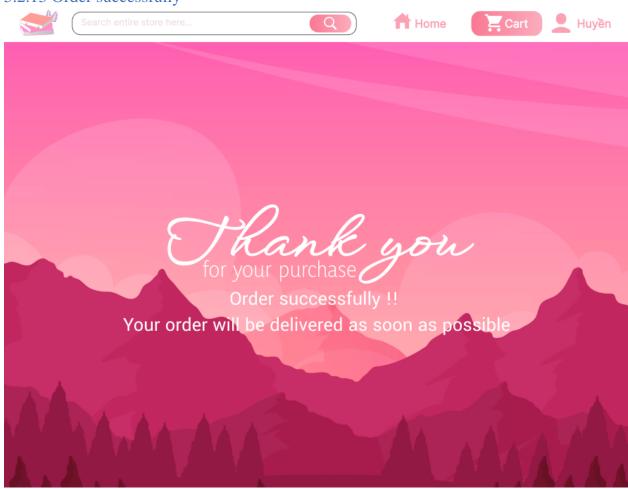
30 Days Miracle - Your Trendy Version Fiona Ferris is a passionate author and has spent a lot of time learning about lifestyle and lifestyle over the past 20 years, especially simple, elegant styles, calendar. She draws inspiration from many places, especially Paris and France, from the countryside to the big cities - where people, nature, and cultures intersect... 30 Days Miracle - Times Version Your High is a book that helps you shape the way you live your life according to whatever "flavor" you like without consulting anyone. This book will make you really enjoy every moment, because life is not a sprint; we ARE and NEED to give our best to the present! 30 chapters (or you call it 30 days are fine!) along with "smart" tips.....

# 5.2.14 Cart

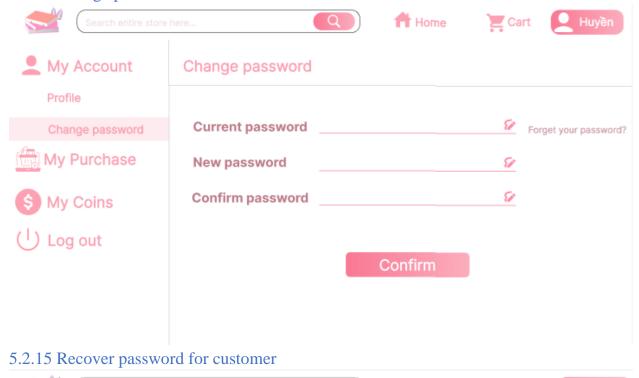
# Cart

|                             | Product                                            | Price       | Amount | Into Money        |  |
|-----------------------------|----------------------------------------------------|-------------|--------|-------------------|--|
| 30 crided<br>10 value       | 30 chủ đề TIẾNG ANH tập 1 - Trang Anh              | 110.000 ਰੁ  | 1      | 110.000 <u>đ</u>  |  |
| PIET NU<br>OMER<br>TROTTONO | Phép màu 30 ngày - Phiên bản Thời thượn<br>của bạn | g 78.000 g  | 2      | 156.000 g         |  |
| Shipment                    | details                                            |             |        |                   |  |
| Name                        | PI                                                 | none number |        |                   |  |
| City                        | o                                                  | rder ID     |        |                   |  |
| District                    | W                                                  | /ard        |        |                   |  |
| Add shopping cart           |                                                    |             |        |                   |  |
|                             | Into mo                                            | oney        |        | 266.000 <u>đ</u>  |  |
|                             | Shippin                                            | ng fee      |        | 0₫                |  |
|                             | Total                                              |             |        | 266.000 ₫         |  |
|                             | Coin                                               |             |        | 266 coin <b>§</b> |  |
|                             | Process Payment                                    |             |        |                   |  |

# 5.2.13 Order successfully



## 5.2.14 Change password for customer

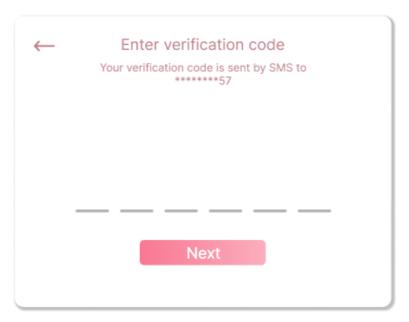


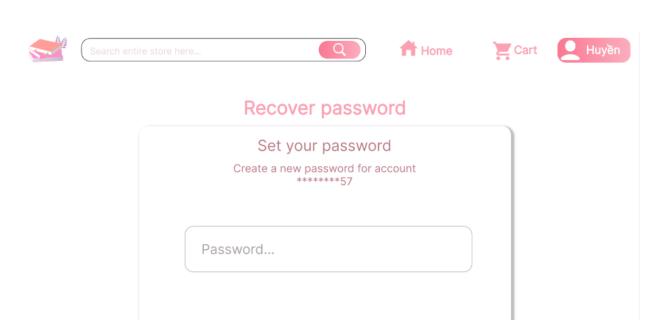


Q

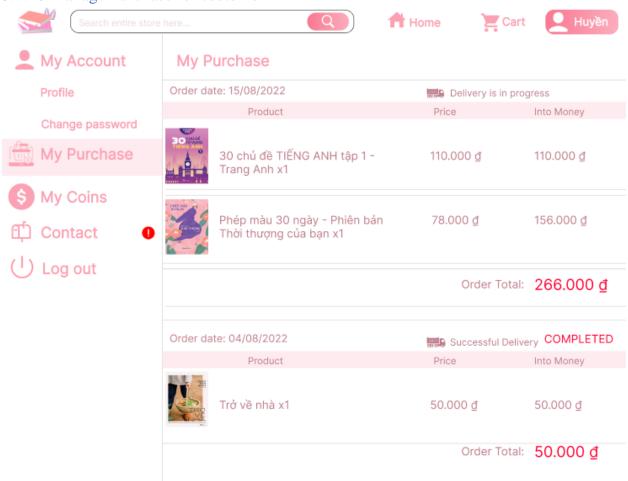
**Home** 

Cart

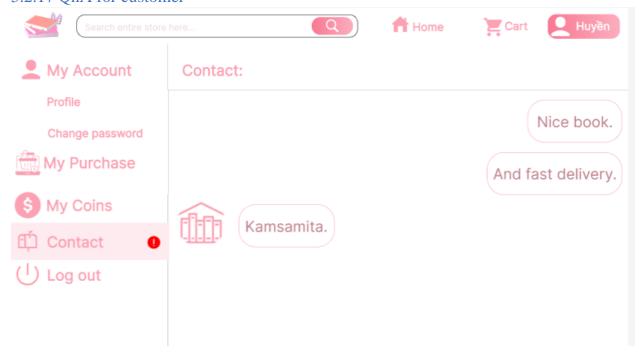




## 5.2.16 Manage Purchase for customer



#### 5.2.17 QnA for customer



# **CHAPTER 6. CONCLUSION**

6.1. Development environment and deployment environment

| No. | Name of request               | Performance evaluation | Note |
|-----|-------------------------------|------------------------|------|
| 1   | Login                         | 100%                   |      |
| 2   | Logout                        | 100%                   |      |
| 3   | Sign In                       | 100%                   |      |
| 4   | Add / remove / edit Products  | 100%                   |      |
| 5   | Add / remove / edit Customers | 100%                   |      |
| 6   | Add / remove / edit Account   | 100%                   |      |

#### 6.2. Final result:

#### 6.1.1. Advantages:

- Confidentiality: clear decentralization system for each type of account, corresponding to the authority of different positions.
- Ease of use: The program is designed on a graphical interface with windows, dialog boxes and reasonable instructions for use.
- Optimize book images, details, promotions.
- Web can be deployed on any computer with many other platforms

## 6.1.2. Disadvantages:

- Not fully functional yet.
- Missing a lot of book's table of contents.
- The interface still simple.
- Low protection

#### 6.3. Development direction:

- Saving infrastructure, packaging, increasing convenience
- No upfront license fees

- Simpler and easier sales management
- Eliminate concerns about information loss when damage occurs to the internal computer
- Provide data export functions (Print invoices, generate barcodes, export reports as PDF, ...)
- Provide financial management functions (manage the list of each revenue and expenditure category of the store).