

**CLOTHING SHOP PROJECT REPORT**

**Software Requirement Specification**

– Hanoi, Summer 2022 –

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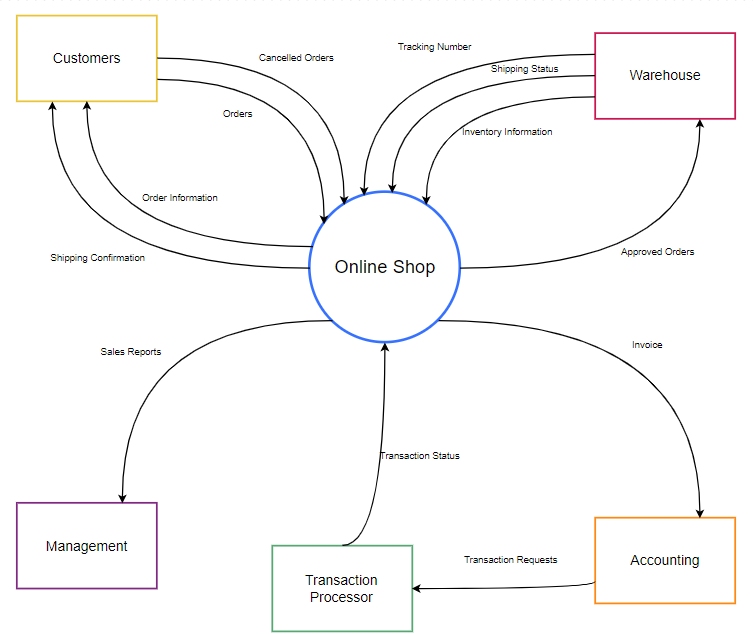
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# Overview

## Introduction

This document describes the requirements for the website, which provides services and supplies clothes for purchasers. Types of reader this document is intended for: developers, project managers, testers, customers, etc…



## System Functions

#### a. Screen Flow

User

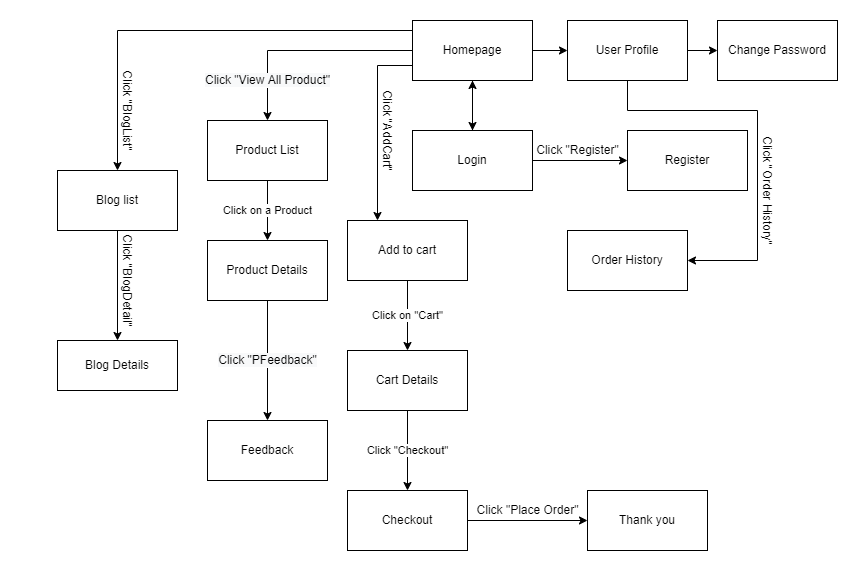


Figure 1-1: Screen Flow for User

Admin



Figure 1-2: Screen Flow for Admin

Seller

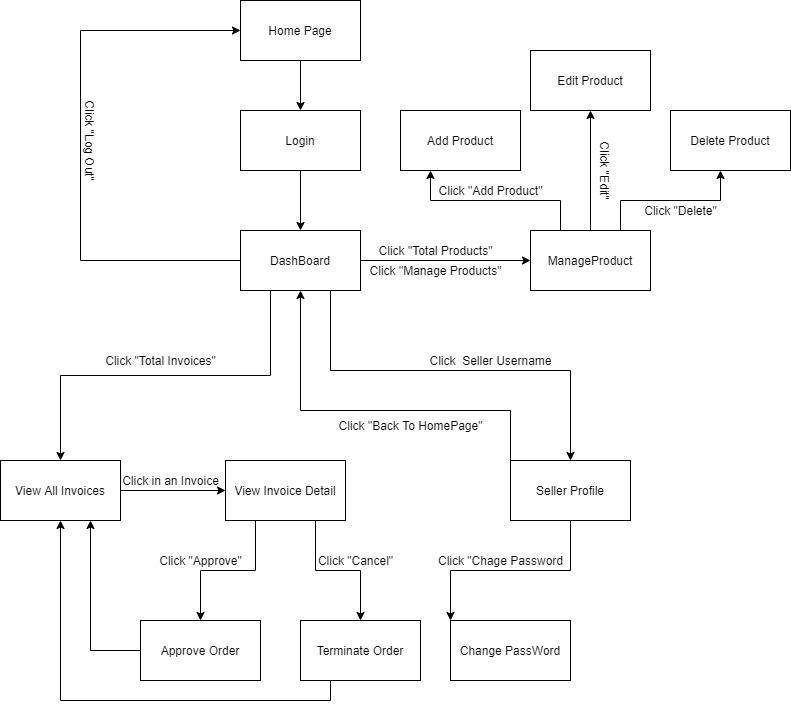


Figure 1-3: Screen Flow for Seller

#### b. Screen Details

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Feature** | **Screen** | **Description** |
| 1 | Search & Filter Product | Home Page | Search product by name,price or filter it by category |
| 2 | Sort Product | Home Page | Sort product by price, name, ... |
| 3 | User Login | Login | User login by username and password |
| 4 | Register | Register | User register a new account by input the following information: full name, gender, email, phone number… and verify by gmail |
| 5 | View Product Detail | Product Details | Show information of product |
| 6 | Change Password | Change password | Users change their old password with new password |
| 7 | User Profile | User Profile | Show information about their account |
| 8 | Add To Cart | Home Page, Product Details | Users can add product they want to buy by click “Add to cart” |
| 9 | View Cart | Cart Details | Users can view all products they add to cart |
| 10 | Change Amount | Cart Details | Plus or minus the amount product in cart |
| 11 | Delete Product | Cart Details | Delete a product in cart |
| 12 | Check out | Check out | Users can check their all product before payment |
| 13 | View User List | Users List [Admin] | Admin can view the list of all Accounts in the System |
| 14 | Block User | Users List [Admin] | Admin can block accounts and accounts are blocked can’t login to website |
| 15 | Set Role User | Users List [Admin] | Admin can set role customer to seller or seller to customer |
| 16 | Order History | Order History | Users can view the history of all orders they bought |
| 17 | View Manager Products | Manager Product  [Seller] | Seller can view their products by id |
| 18 | CRUD Products | Manager Product  [Seller] | Seller can add, delete, update their products |
| 19 | Send Feedback | Product Details | Customer can write and send a Feedback about a product |
| 20 | View Feedback | Product Details | Customer can view all the Feedbacks about a Product |
| 21 | Blogs List | Blogs List | Customer views the list of all Blogs |
| 22 | Blog Details | Blog Details | Customer views the Detail information of 1 Blog |
| 24 | View Dashboard | Dashboard [Seller] | Seller can see total orders are sold, most sellest product, …. |
| 25 | Order Management | Order Management | Seller can see all of order and status |
| 26 | View Order | View Order | Seller can sell detail product which is ordered |
| 27 | Error | Error | Error page |
| 28 | Add Product | Seller | Seller can add product |
| 29 | Update Product | Seller | Seller can update product |
| 30 | Add Blog | User, Seller | User or Seller can add blog |
| 31 | Update Blog | User | User can update sell price |
| 32 | Update Sells | User | User can update sell price |

Table 1-1: Screen Details

#### c. Screen Authorization

|  |  |  |  |
| --- | --- | --- | --- |
| **Screen** | **User** | **Seller** | **Admin** |
| Home Page | x | x | x |
| Product Details | x | x | x |
| Cart Details | x |  |  |
| Login | x | x | x |
| Register | x |  |  |
| Users List [Admin] |  |  | x |
| Change Password | x | x | x |
| Check out | x | x |  |
| User Profile | x | x | x |
| Order History | x |  |  |
| Dashboard [Sale] |  | x |  |
| Manager Product [Seller] |  | x |  |
| Order Management |  | x |  |
| Feedback | x |  |  |
| Blogs List | x |  |  |
| Blog Details | x |  |  |
| View Order |  | x |  |

In which:

* Guest: Customer who has not yet logged in to the site
* User: Customer who has an account an has logged in
* Seller: People who sell products in the shop
* Admin: People who manage the shop

#### d. Non-Screen Functions

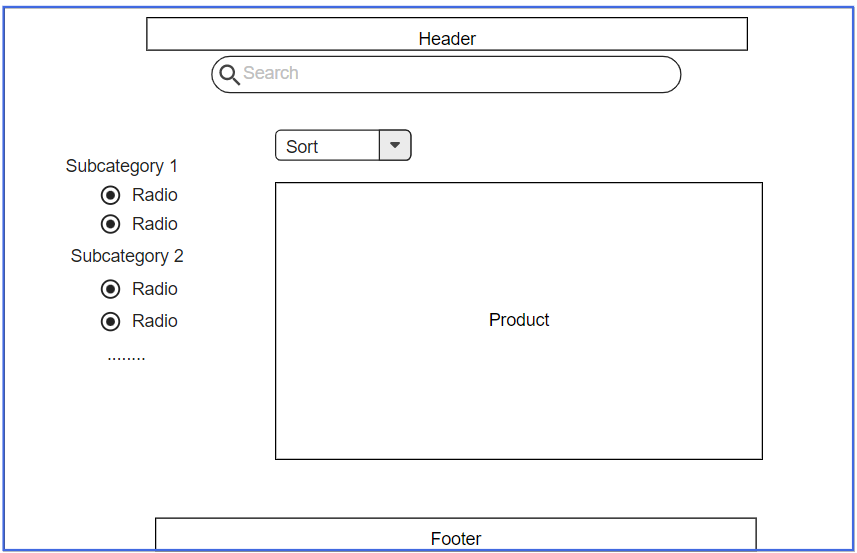
|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Feature** | **System Function** | **Description** |
| 1 | Remember Me | Login | System store user’s login account and password in cookies for future re-login |
| 2 | Performance  Requirements | Response | The server shall respond to the client within 2  seconds each time requesting |

## Common Requirements

# Functional Requirements

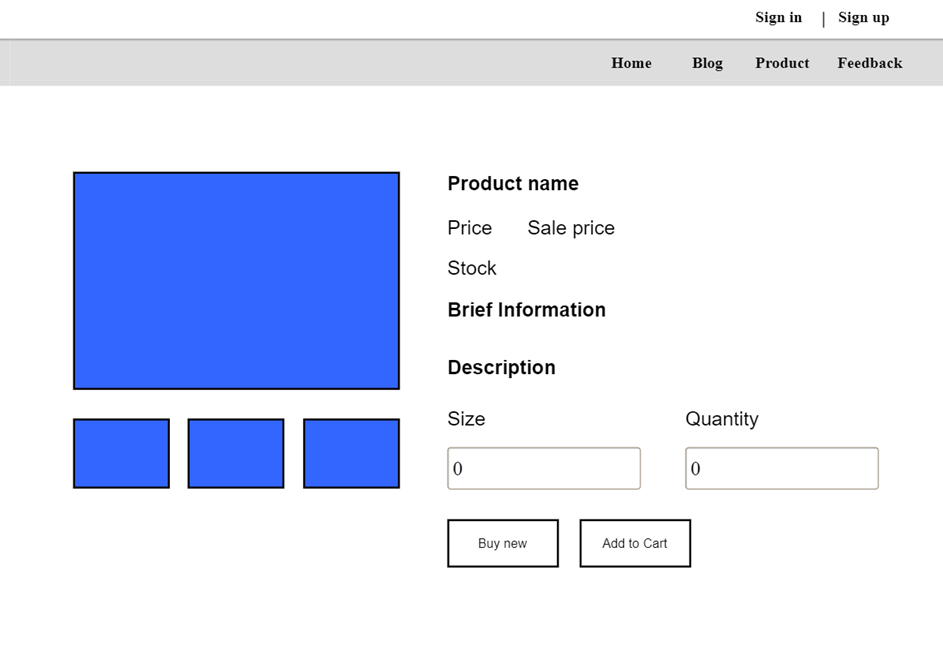
## **1. Search & Filter Product**

* Function trigger: User accesses the website
* Function description:
  + Role: Guest, User
  + Purpose: Users Search for the Product they want
* Screen layout:



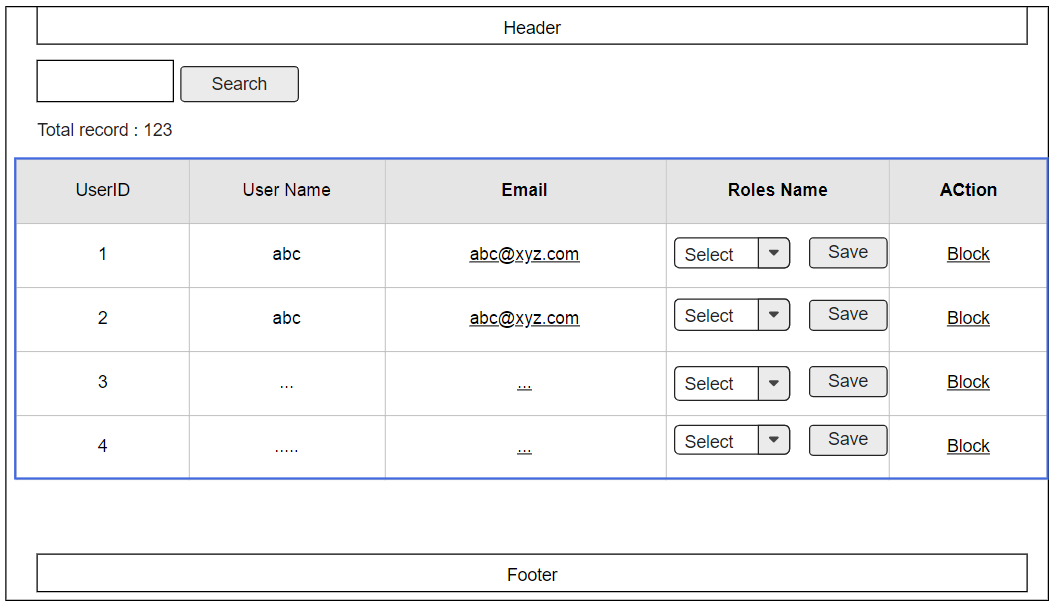
## 2. View Product Detail

* Function trigger: User Click on a Product in Home Page
* Function description:
  + Role: Guest, User
  + Purpose: User can view all the detail information of a Product
* Screen layout:

**

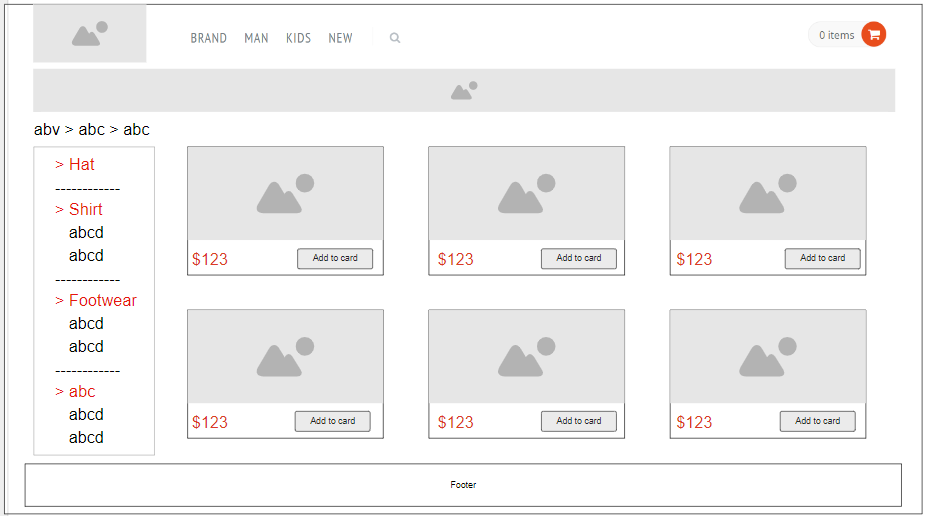
## 3. View Customer List

* Function trigger: User Click on a customer list in Dashboard Page
* Function description:
  + Role: Admin
  + Purpose: Show list of all customer
* Screen layout:

**

## 4. View Product List

* Function trigger: User Click on a Product list in Home Page
* Function description:
  + Role: Sell
  + Purpose: seller views and manages all products
* Screen layout:

**

## **5. Change Amount**

* Function trigger: User Click on “Cart” in Menu bar
* Function description:
  + Role: User
  + Purpose: User can change the amount of the Product they want to buy
* Screen layout:

## 6. Delete Product

* Function trigger: User Click on the Delete icon in a Product in Cart
* Function description:
  + Role: User
  + Purpose: User can Delete a Product from their Cart
* Screen layout:



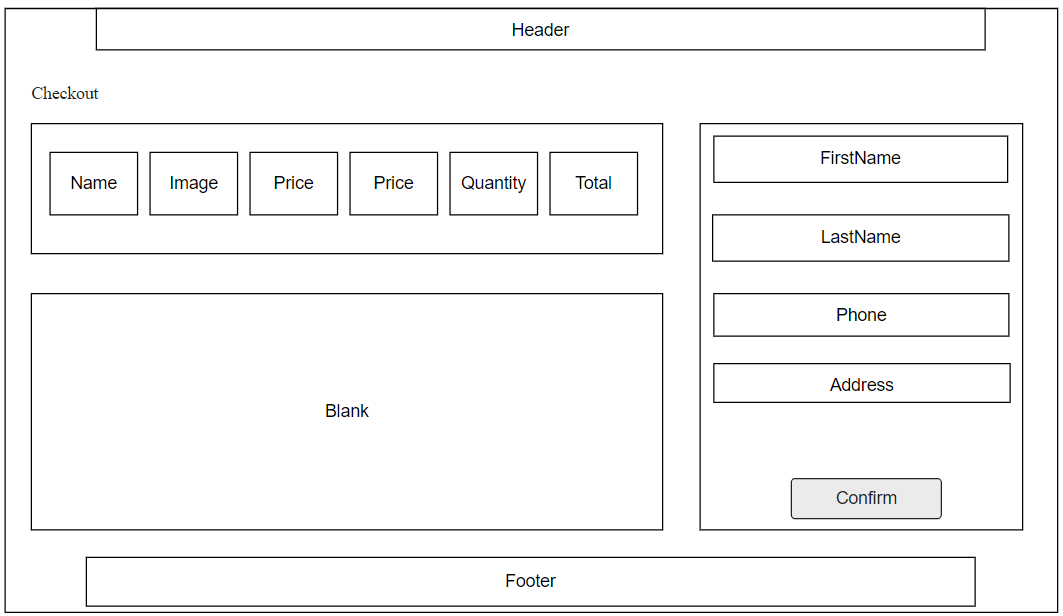
## 7. Cart Detail

* Function trigger: User Click on “Cart” in Menu bar and click on green button they want to increase in amount
* Function description:
  + Role: User
  + Purpose: User can change the amount of the Product they want to buy
* Screen layout:



## 8. Checkout

* Function trigger: User Click on “Checkout” button to view information of Cart
* Function description:
  + Role: User
  + Purpose: User can view information of order before deciding Order.
* Screen layout:



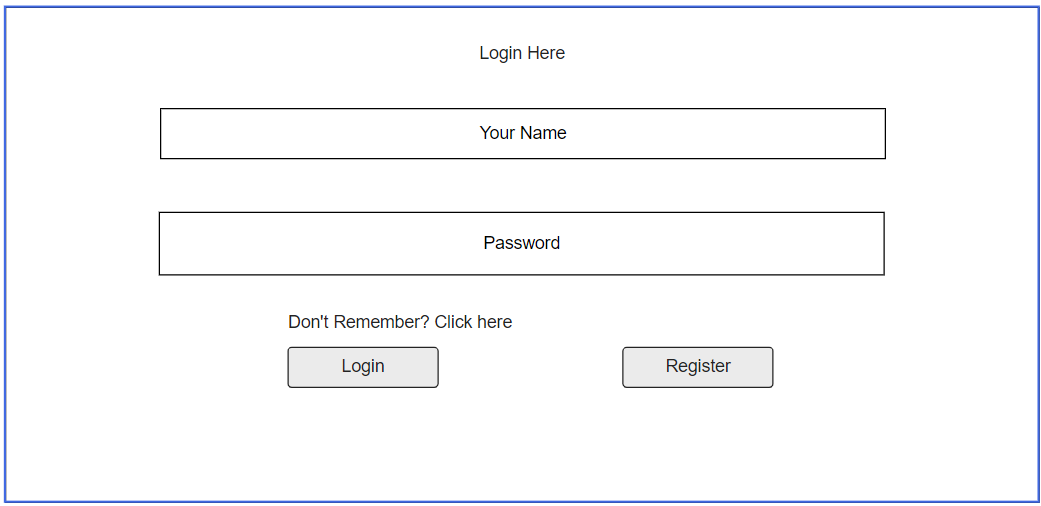
## 9. Delete Cart

* Function trigger: User Click on “Delete Cart” button in Cart
* Function description:
  + Role: User
  + Purpose: User can delete all the Product in their Cart
* Screen layout:



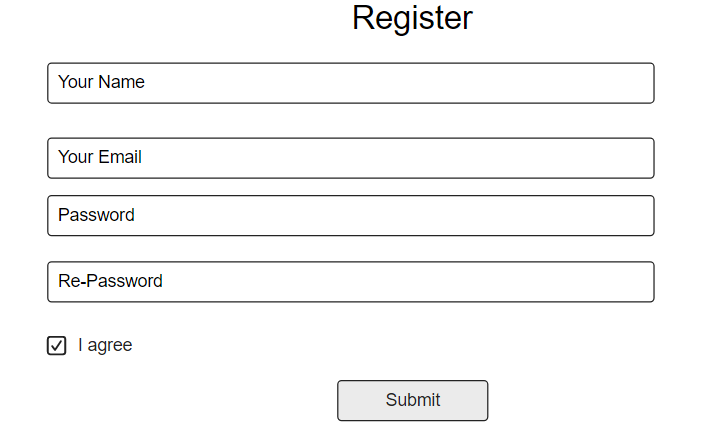
## 10. Login

* Function trigger: User Click on “Login” link in the Menu bar
* Function description:
  + Role: Guest
  + Purpose: For people to log in to the system for access to more functions
* Screen layout:



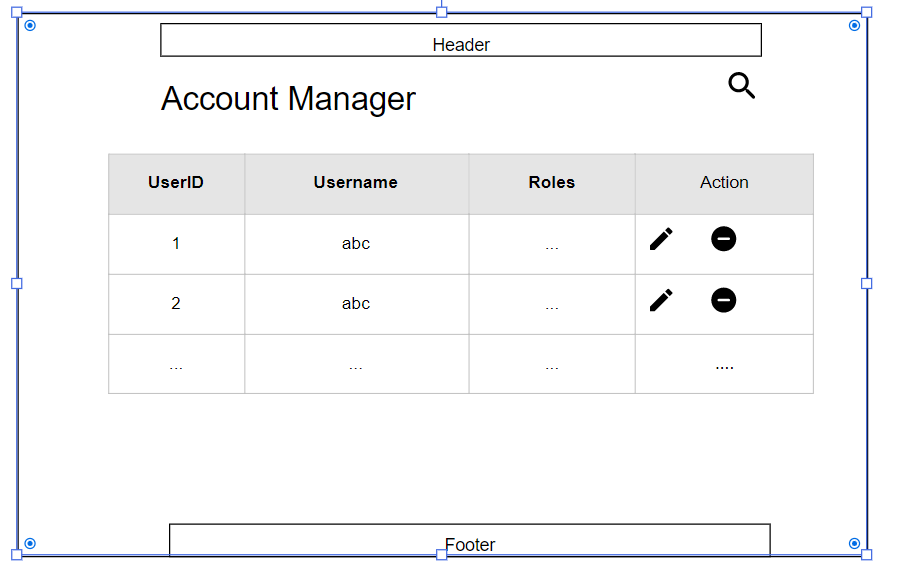
## 11. Register

* Function trigger: Guest click “Sign up” button from Login screen.
* Function description:
  + Role: Guest.
  + Purpose: Provide a form for customers to register an account.
* Screen layout:



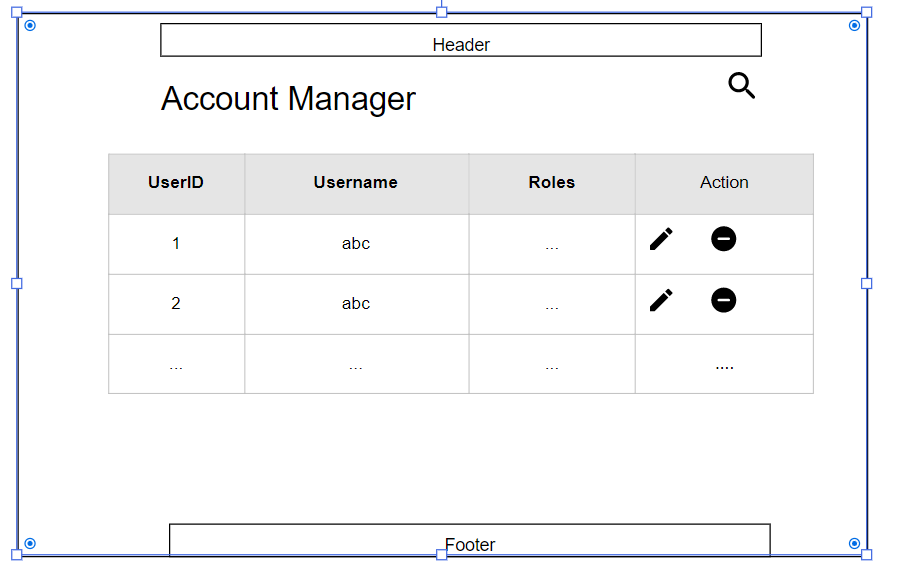
## 12. Set Role User

* Function trigger: Admin click “Set role” button next to an entry from user list.
* Function description:
  + Role: Admin.
  + Purpose: Set role as an account.
* Screen layout:



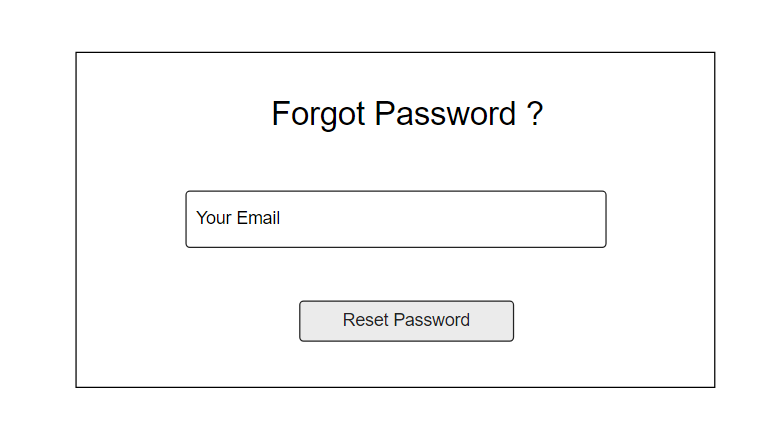
## 13. Block User

* Function trigger: Admin click the “Block” button next to an entry from the user list.
* Function description:
  + Role: Admin.
  + Purpose: Block an account from the system.
* Screen layout:



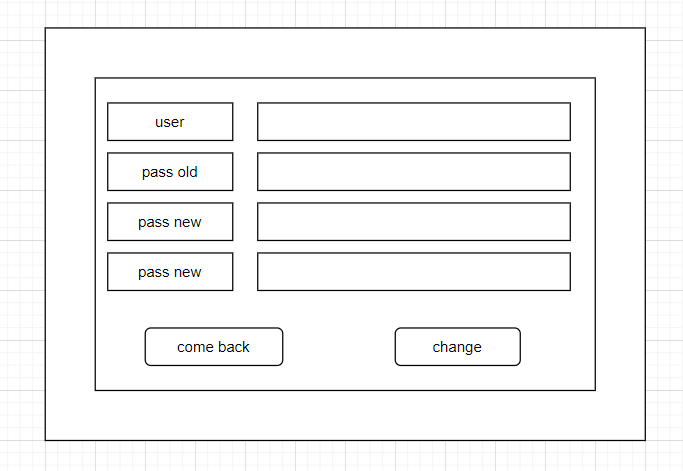
## **14. Reset Password**

* Function trigger: Users access the website and click on Reset Password button
* Function description:
  + Role: Buyer, Seller, Admin
  + Purpose: Users can change their passwords when they forget their old one
* Screen Layout:



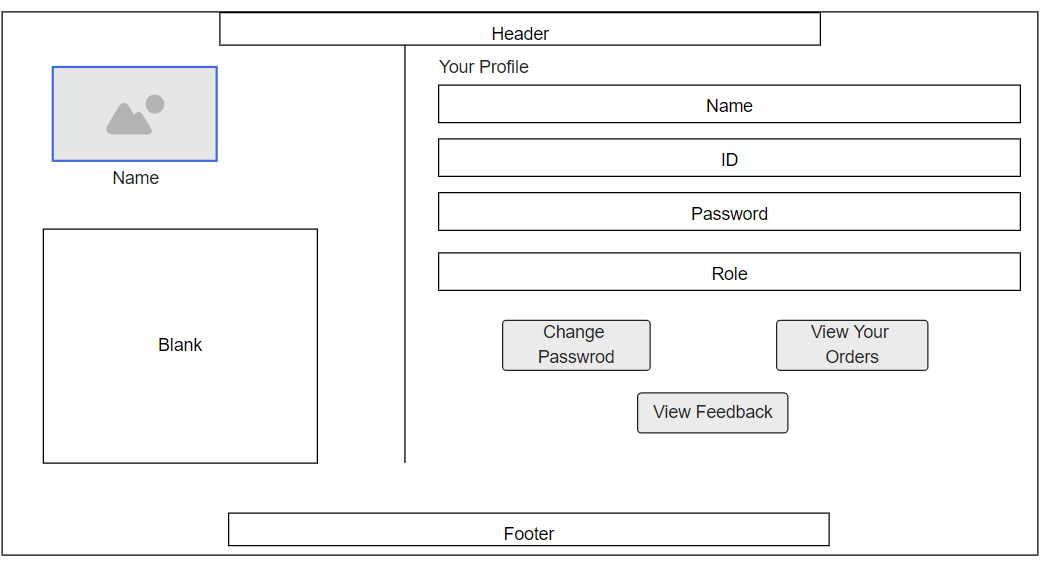
## **15. Change Password**

* Function trigger: Users login the website and access the profile page and click on Change Password button
* Function description:
  + Role: Buyer, Seller, Admin
  + Purpose: Users can change their passwords
* Screen Layout:



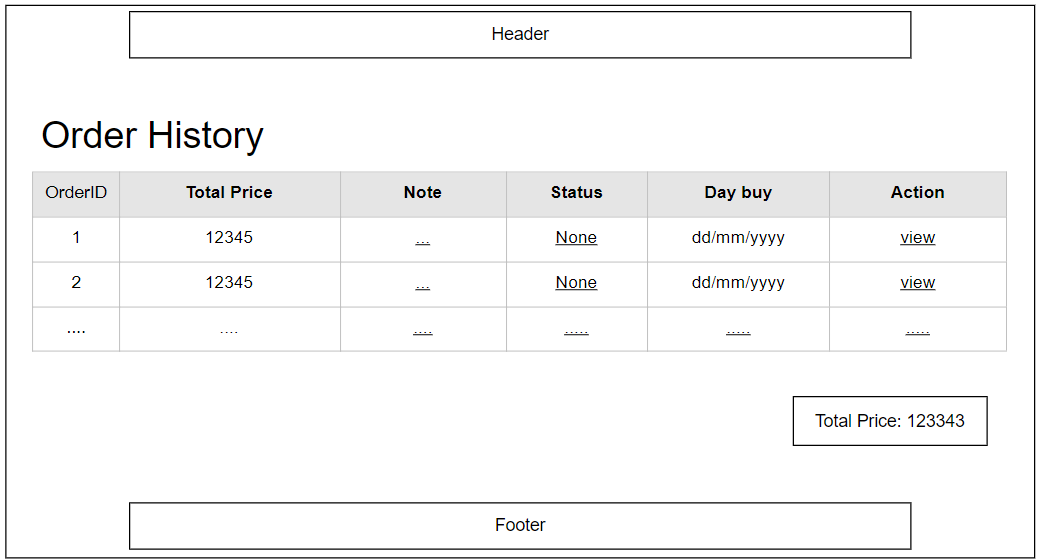
## 16. User Profile

* Function trigger: User log-in the website and click on the profile icon on the top-right corner
* Function description:
  + Role: Buyers, Seller, Admin
  + Purpose: Users can see their account’s detailed information
* Screen layout:



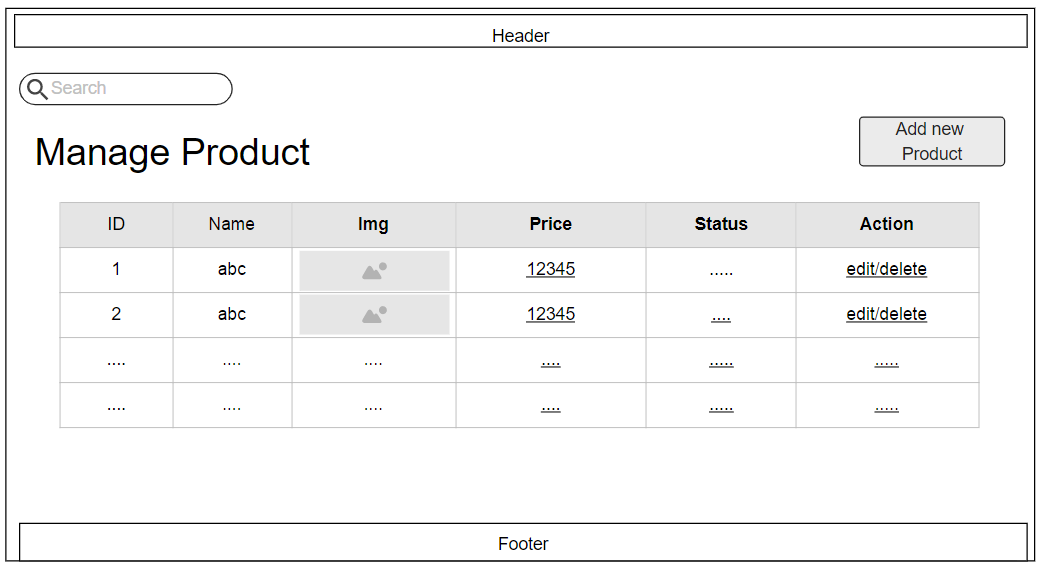
## 17. My Orders

* Function trigger: Users log-in the website, access the profile page and click on My Orders button
* Function description:
  + Role: Buyers
  + Purpose: Users can see their shopping history
* Screen layout:



## 18. Order Information

* Function trigger: Users log-in to the website, access My Orders page and click View button
* Function description:
  + Role: Buyers
  + Purpose: See the order detailed information
* Screen layout:



## 19. Order List

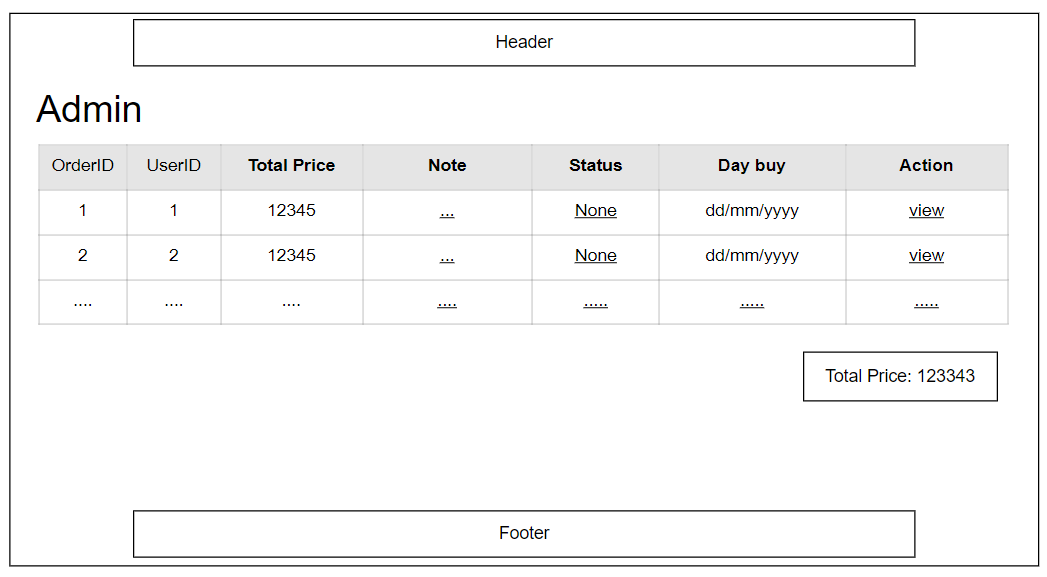
Function trigger: Admin Login and click Total Invoices

Function description:

• Role: Admin

• Purpose: Admin views list of all of 2 orders

Screen layout:



## 20. Order Details

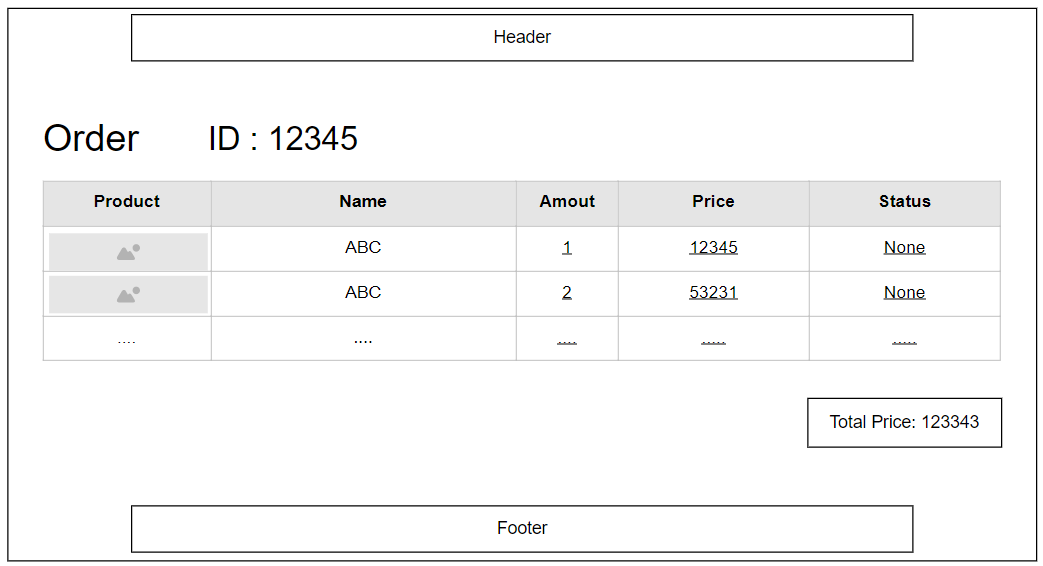
Function trigger: Seller Login and click Total Invoices

Function description:

• Role: Seller

• Purpose: Seller views the detail of 1 of his orders

Screen layout:



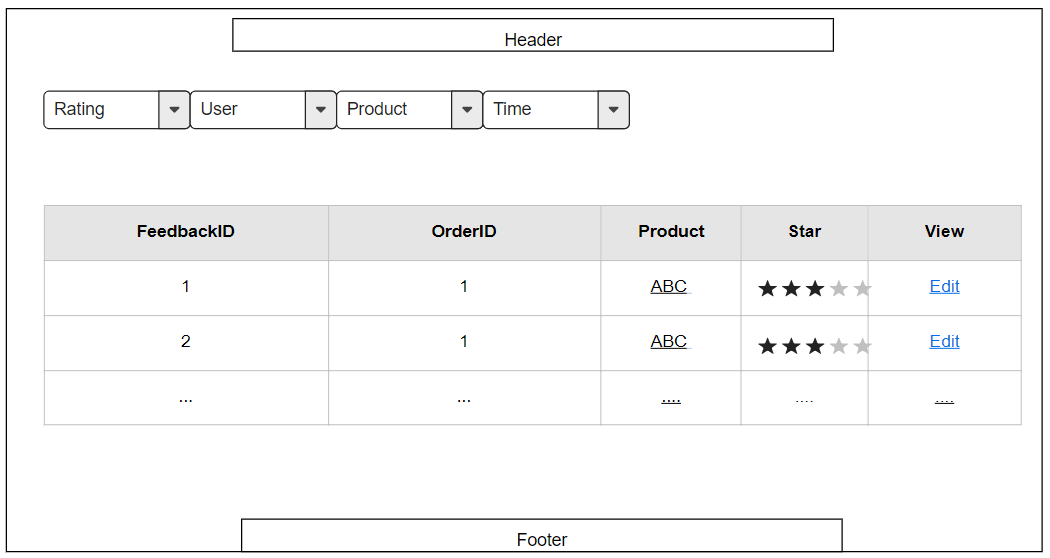
## 21. View Feedback

Function trigger: Customers click on the product they want to see, scroll down to see the feedback

Function description:

* Role: Guest, User
* Purpose: Customer views all the Feedback about a Product

Screen layout:



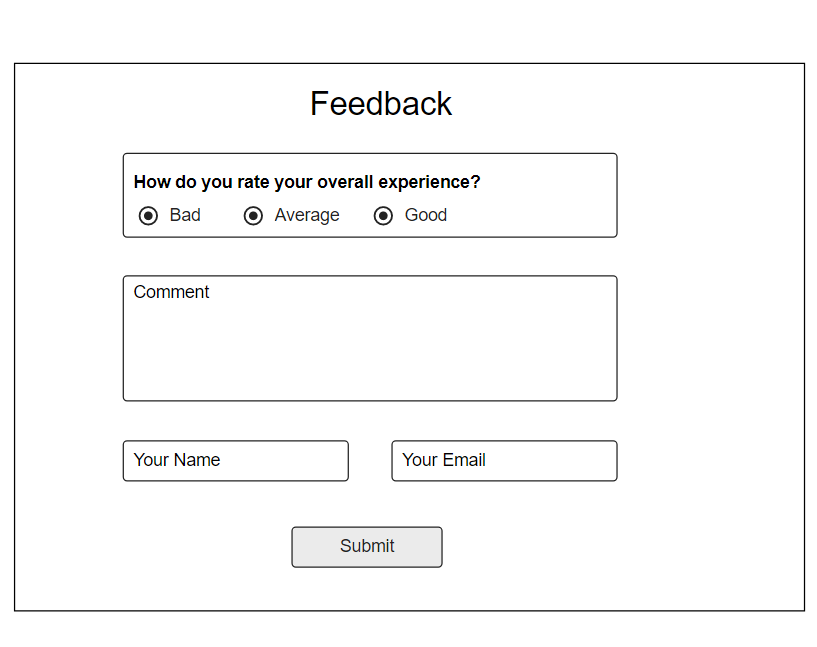
## 22 Send Feedback

Function trigger: When the user receives the goods, click on My order and then click on Add feedback and evaluate

Function description:

* Role: Guest, User
* Purpose: Customer writes and send a Feedback about a Product

Screen layout:



## 23. Blogs List

Function trigger: User Click Blog in menu bar

Function description:

* Role: Guest, User
* Purpose: Customer views the list of all Blog

Screen layout:**

## 24. Blog Details

Function trigger: User Click Blog in menu bar. Next, click Blog want to see detail

Function description:

Role: Guest, User

Purpose: Customer views the Detail information of 1 Blog

Screen layout:

**

## Blog management

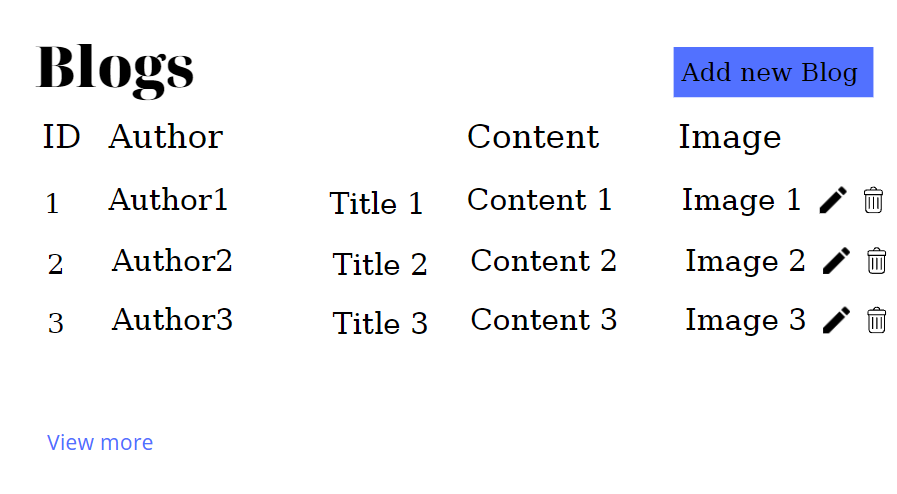
Function trigger: Admin click Manage Blog in menu bar, view, add, update, delete blog

Function description:

Role: Admin

Purpose: Admin views, add, update, delete blog

Screen layout:

**

## Notification

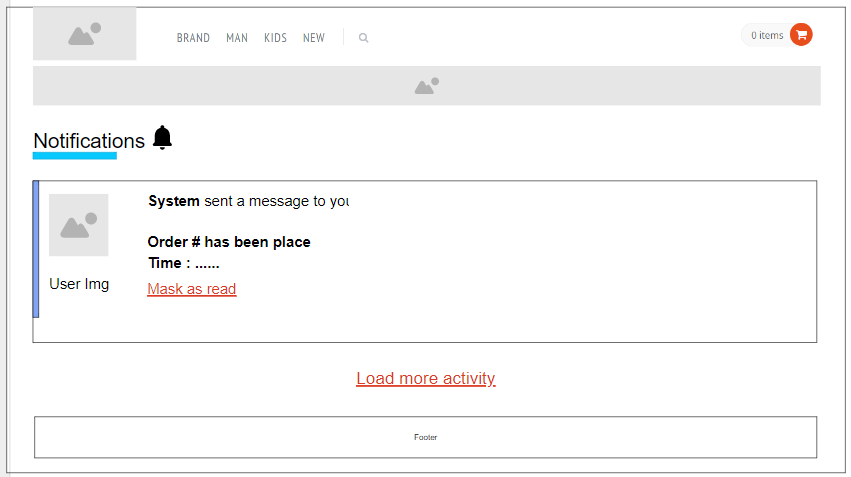
Function trigger: User click notification icon ( ) to view notification

Function description:

Role: User

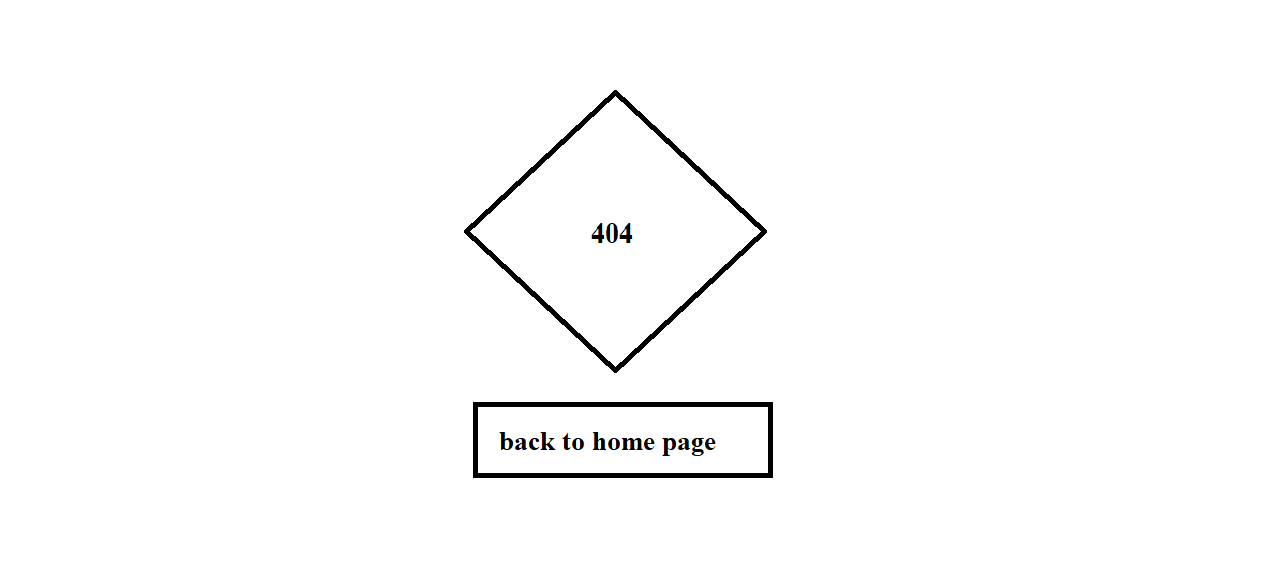
Purpose: View notification about your order

Screen layout:

**

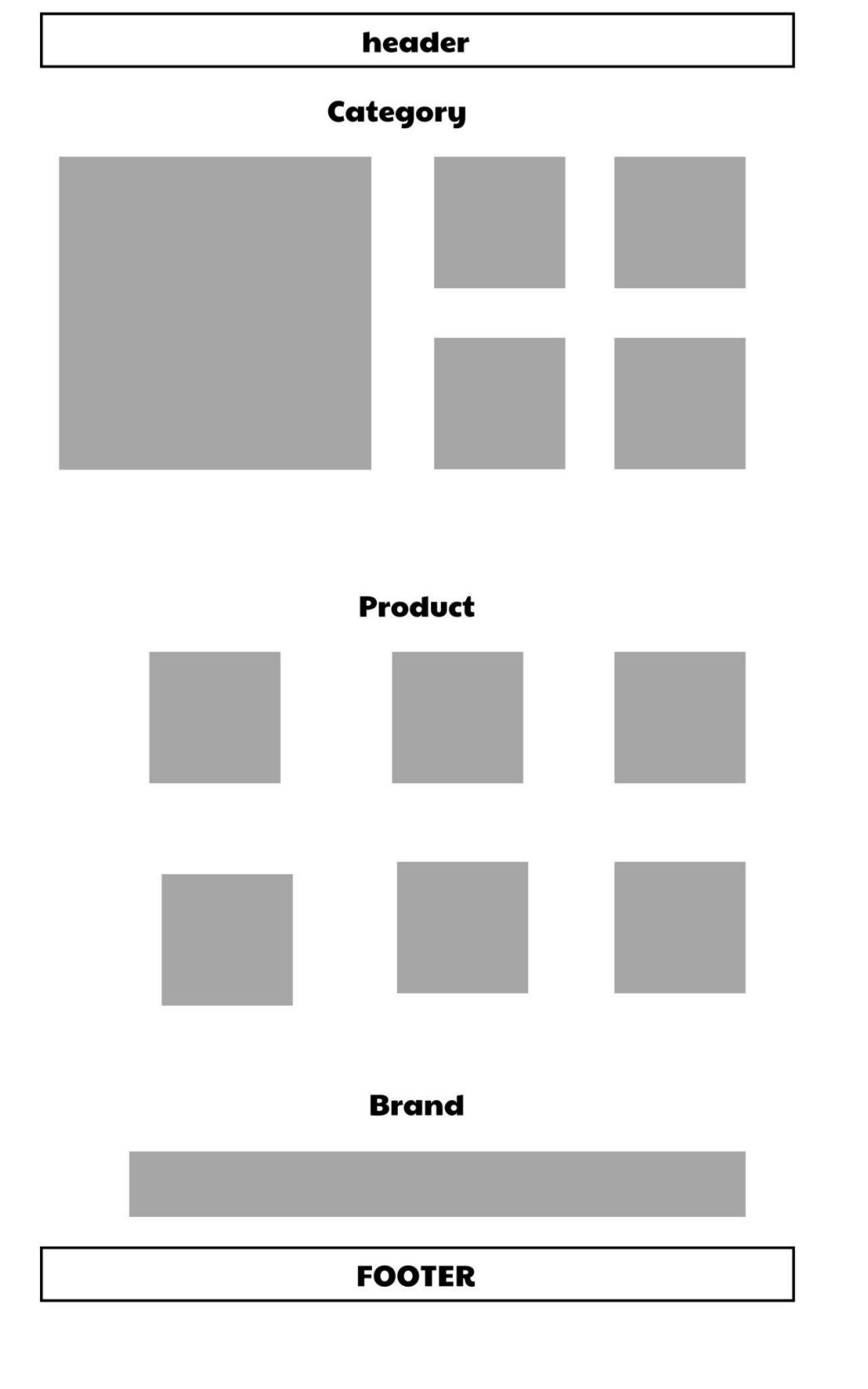
## Error Page

* Function trigger: User accesses the website, the website got an error when progressing user request
* Function description:
  + Role: Guest, User, Seller, Admin
  + Purpose: Show in case there’s an Error occurs
  + Screen layout:

**

## Homepage

* Function trigger: User accesses the website
* Function description:
  + Role: Guest, User
  + Purpose: Showcase feature product to visitors
* Screen layout:



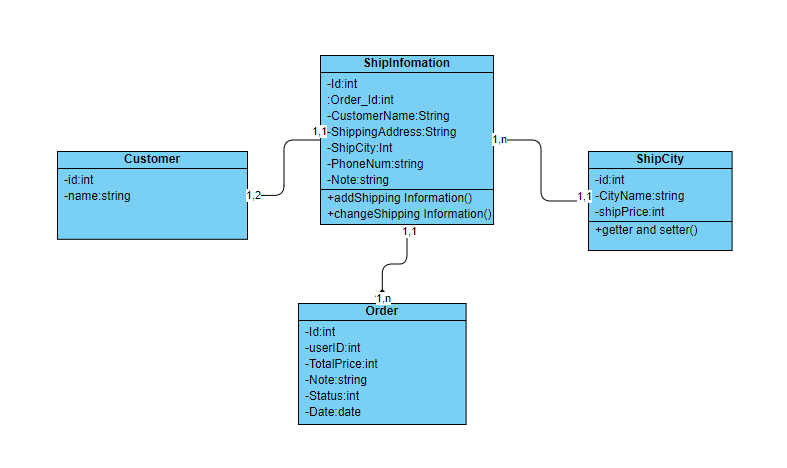
## Delete all Cart Item

* Function trigger: User Click on the Delete icon ( red button ) in a Product in Cart
* Function description:
  + Role: Guest
  + Purpose: User can Delete a Product from their Cart
* Screen layout:



## 30. Add Ship Information

### a. Class Diagram

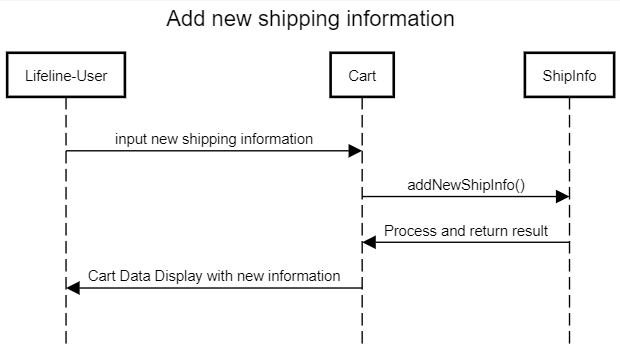


### b. Class Specifications

Ship Information Class

|  |  |  |
| --- | --- | --- |
| **No** | **Method** | **Description** |
| *01* | *addShipping information()* | *Add New Shipping information for account* |

### c. Sequence Diagram(s)

Prod. Database queries

INSERT INTO dbo.ShipInfo(order\_id,customerName,shippingAddress,ShipCity,PhoneNum,Note) VALUES(?,?,?,?,?,?)