

**CLOTHING SHOP PROJECT REPORT**

**Software Requirement Specification**

– Hanoi, Summer 2022 –

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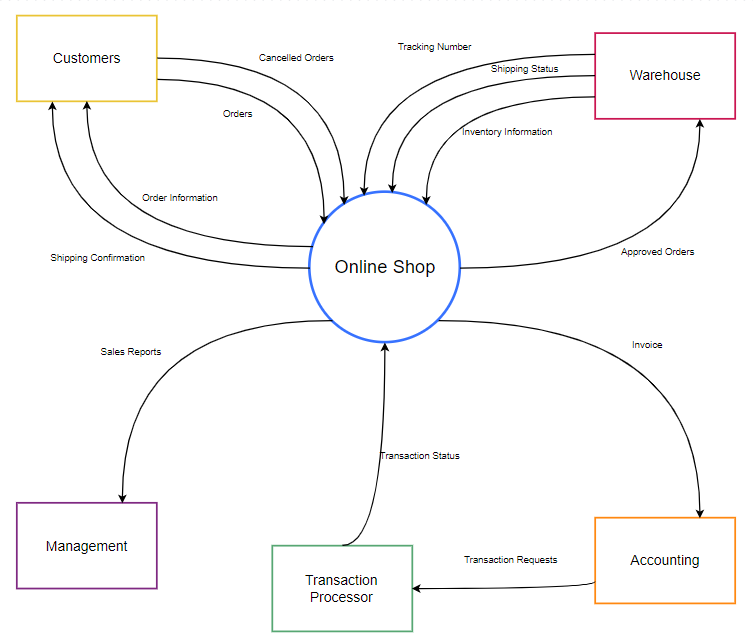
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# Overview

## 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

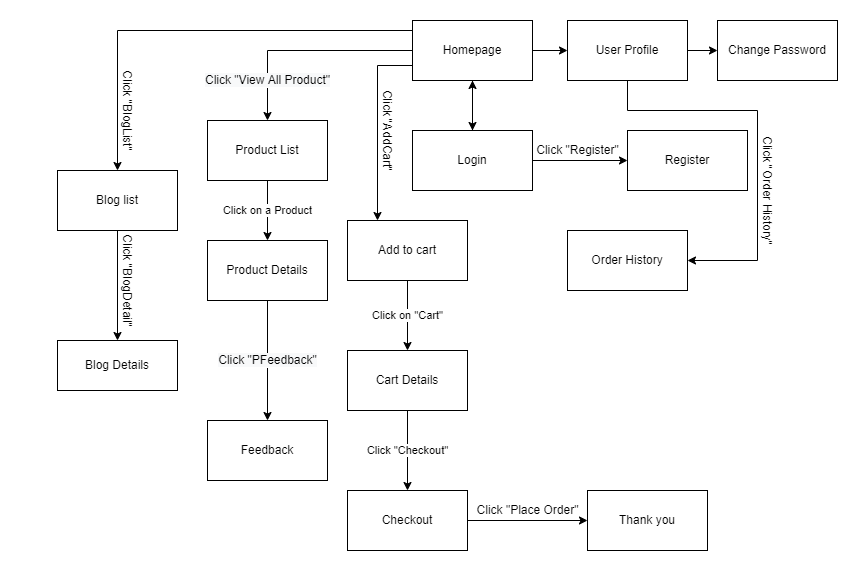


Figure 1-1: Screen Flow for User

Admin



Figure 1-2: Screen Flow for Admin

Seller

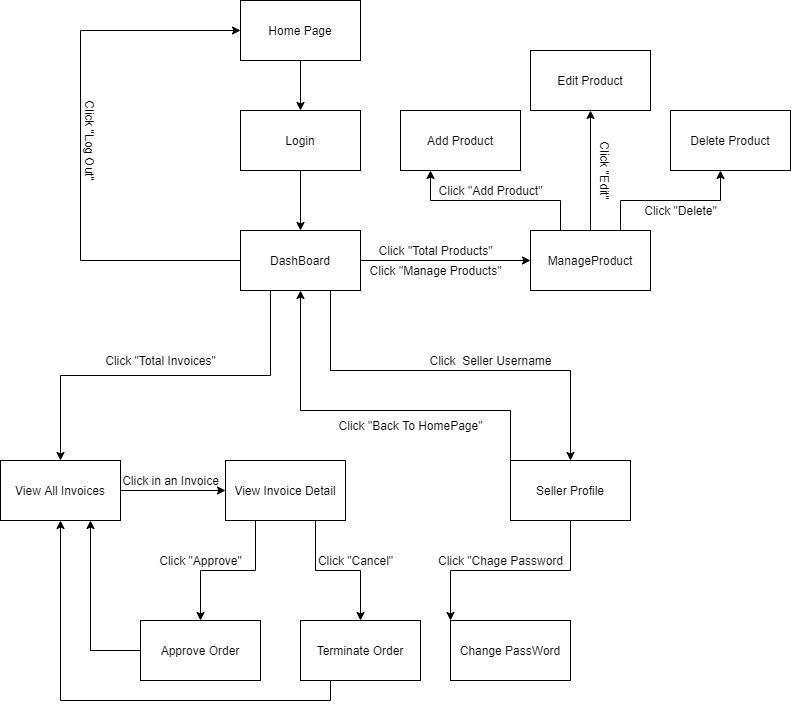


Figure 1-3: Screen Flow for Seller

#### 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 | Write Comment | Product Details | Customer can write and send a Feedback about a product |
| 20 | View Comment | 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 | Product Management | Seller can add product |
| 29 | Update Product | Update Product | Seller can update product |
| 30 | Add Blog | Blog Management | User or Seller can add blog |
| 31 | Update Blog | Update Blog | User can update sell price |
| 32 | Update Sales | Update Sales | User can update sell price |
| 33 | View Category | Category Details | Sellers can view all off list detail |
| 34 | Edit Category | Category Details | Sellers can add new category |
| 35 | Edit Category | Category Details | Sellers can edit category and add new Subcategory |
| 36 | Add brand | Add brand | Sellers can add new brand |
| 37 | Edit brand | Edit brand | Sellers can update new brand |
| 38 | View brand | Brand manager | Seller can view all off list brand |
| 39 | Send Feedback | Send FeedBack | Customer can send feedback to Seller |
| 40 | Feedback Replies | Seller DashBoard | Seller Can replies Feedback to customer |
| 41 | Notification | Notification | User can view notification about their order |

Table 1-1: Screen Details

#### c. Screen Authorization

| **Screen** | **User** | **Seller** | **Admin** | **Shipper** | **Marketing** |
| --- | --- | --- | --- | --- | --- |
| Home Page | x | x | x | x | x |
| Product Details | x | x | x | x | x |
| Update Product |  | x |  |  |  |
| Cart Details | x |  |  |  |  |
| Login | x | x | x | x | x |
| Register | x |  |  |  |  |
| Users List [Admin] |  |  | x |  |  |
| Search User [Admin] |  |  | x |  |  |
| Change Password | x | x | x | x | x |
| Check out | x |  |  |  |  |
| User Profile | x | x | x | x | x |
| Order History | x |  |  |  |  |
| Dashboard [Sellers] |  | x |  |  |  |
| Dashboard [Admin] |  |  | x |  |  |
| Dashboard [Shipper] |  |  |  | x |  |
| Dashboard [Marketing] |  |  |  |  | x |
| Manager Product [Seller] |  | x |  |  |  |
| Order Management |  | x |  |  |  |
| Feedback | x |  |  |  |  |
| Feedback Replies |  | x |  |  |  |
| Blogs List | x |  |  |  |  |
| Blog Details | x |  |  |  |  |
| Update Blog | x |  |  |  |  |
| View Order |  | x |  |  |  |
| Blog Management |  |  | x |  |  |
| Thanks | x |  |  |  |  |
| Product List | x | x | x |  |  |
| Verify Email | x |  |  |  |  |
| Error | x | x | x | x | x |
| Edit user Info | x | x | x | x | x |
| Manage Sale |  | x |  |  |  |
| Update Sales |  | x |  |  |  |
| List Complete Order |  | x |  | x |  |
| View Order |  | x |  |  |  |
| Recruitment |  | x |  |  |  |
| About Shop | x | x | x | x | x |
| Delivery Dashboard | x |  |  |  |  |
| Category Details |  | 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
* Shipper: People who shipping order
* Marketing : People who make an advertisement

#### d. Non-Screen Functions

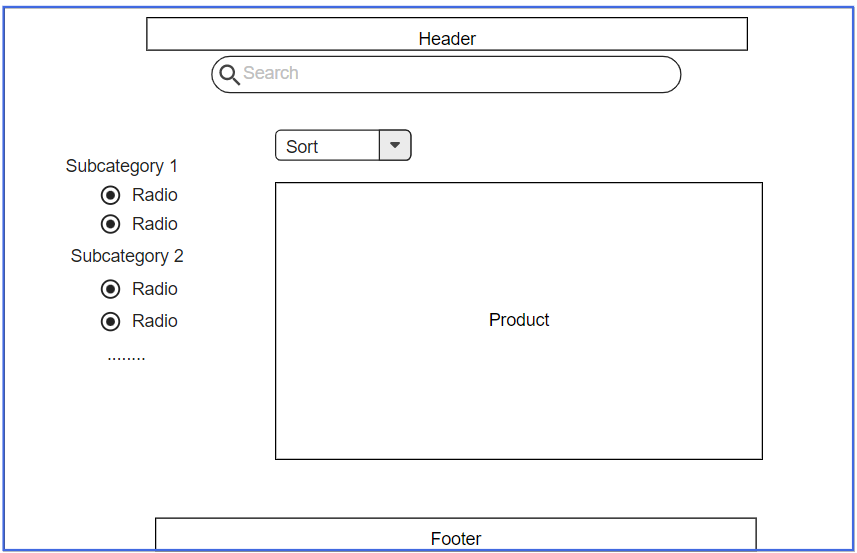
| **#** | **Feature** | **System Function** | **Description** |
| --- | --- | --- | --- |
| 1 | Remember Me | Login | System store user’s login account and password in cookies for future re-login |
| 2 | Performance  Requirements | Response | The server shall respond to the client within 2  seconds each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

## Common Requirements

# Functional Requirements

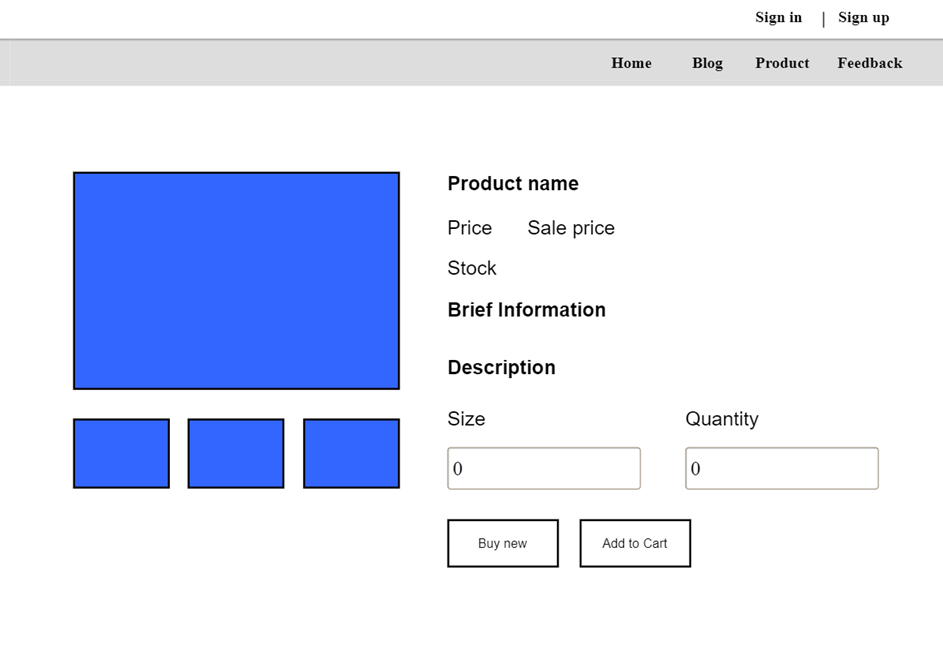
## 1. Search & Filter Product

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



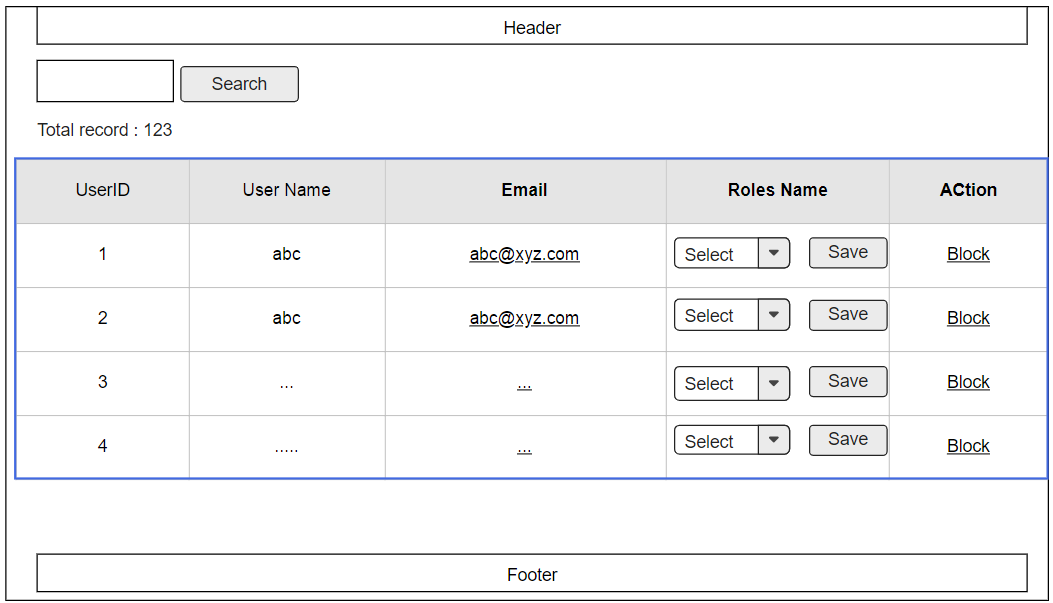
## 2. View Product Detail

* 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:

**

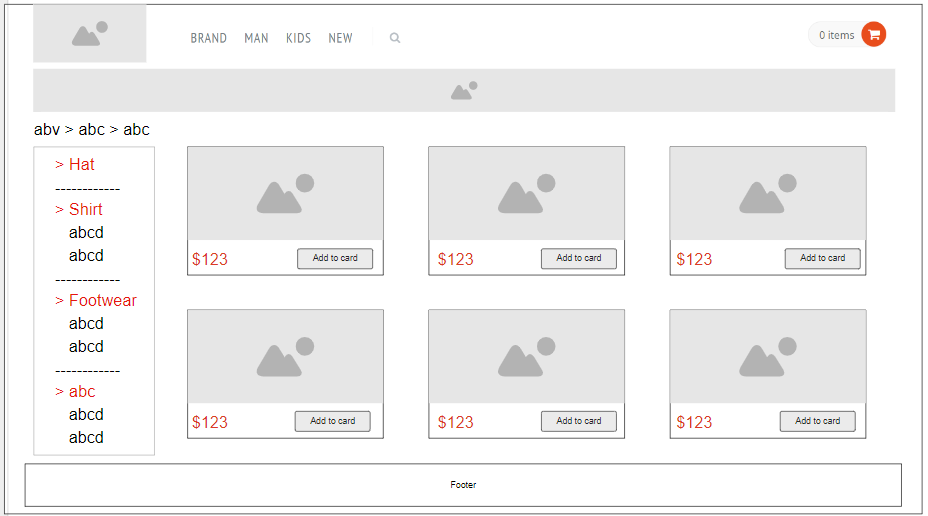
## 3. View Customer List

* 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:



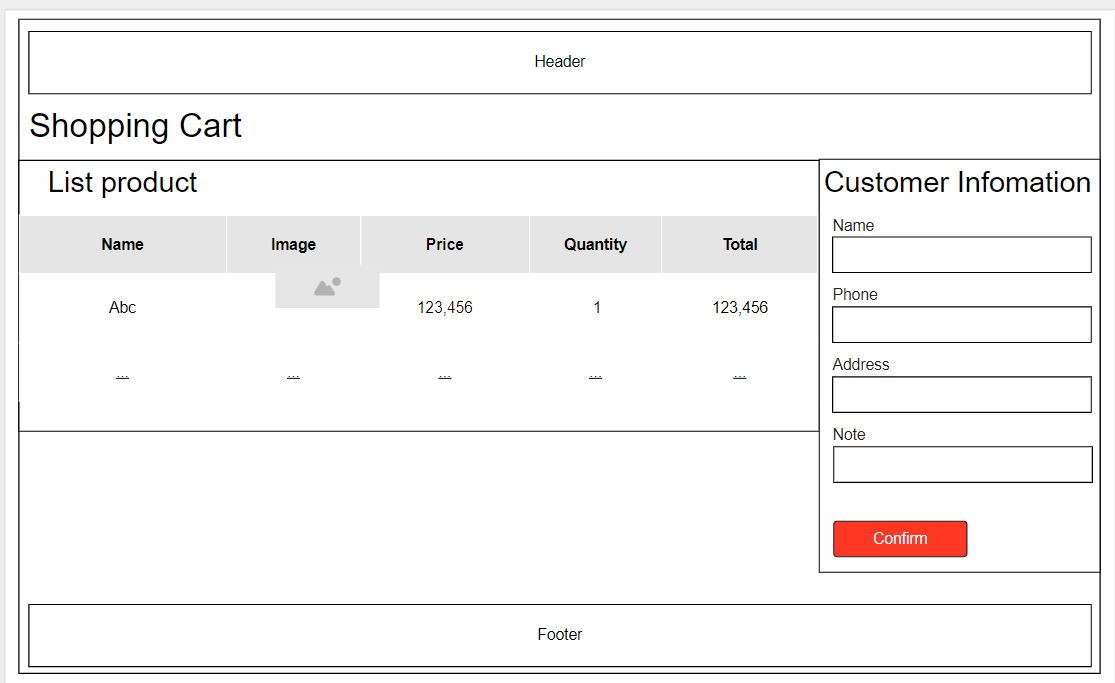
## 7. Cart Detail

* 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:



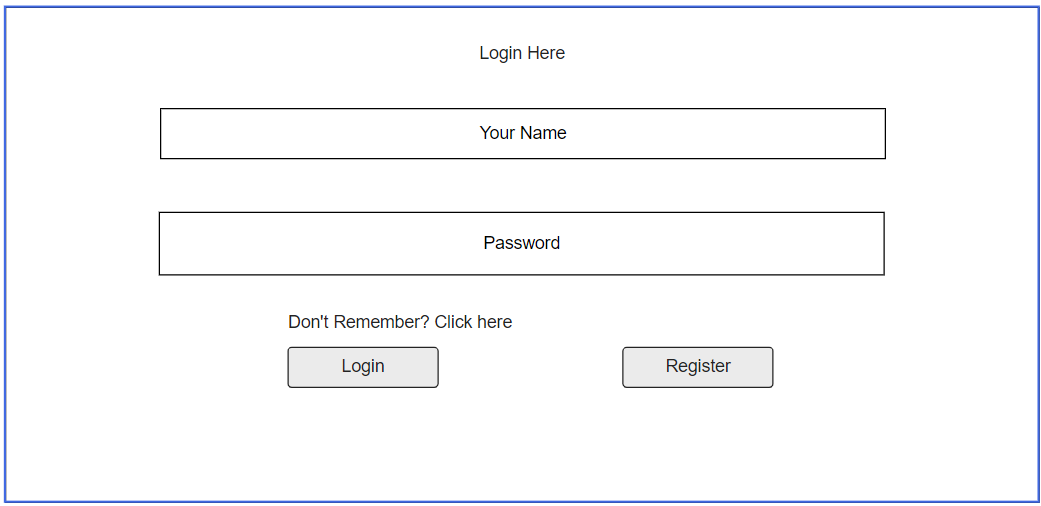
## 9. Delete Cart

* 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:



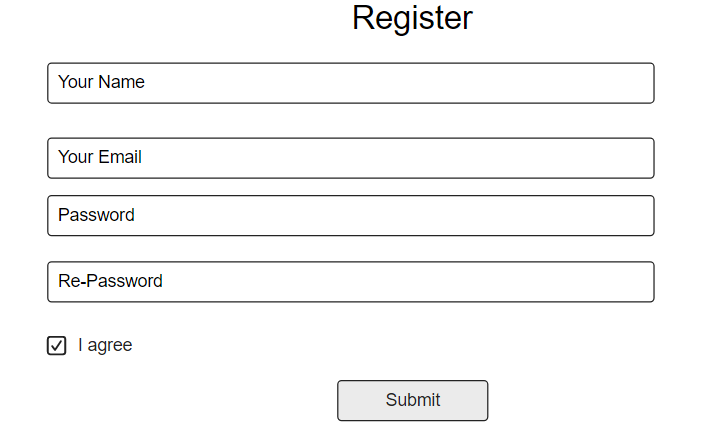
## 10. Login

* 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:



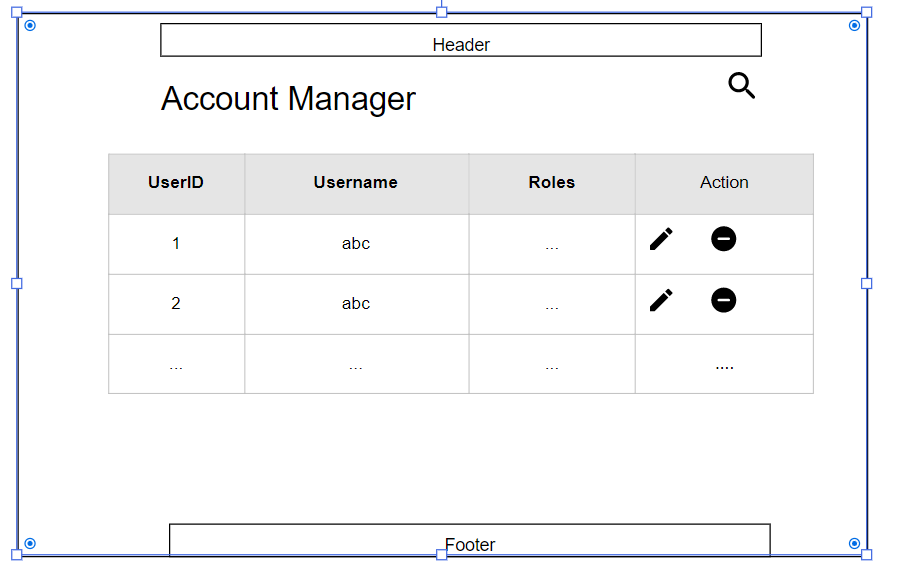
## 11. Register

* 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:



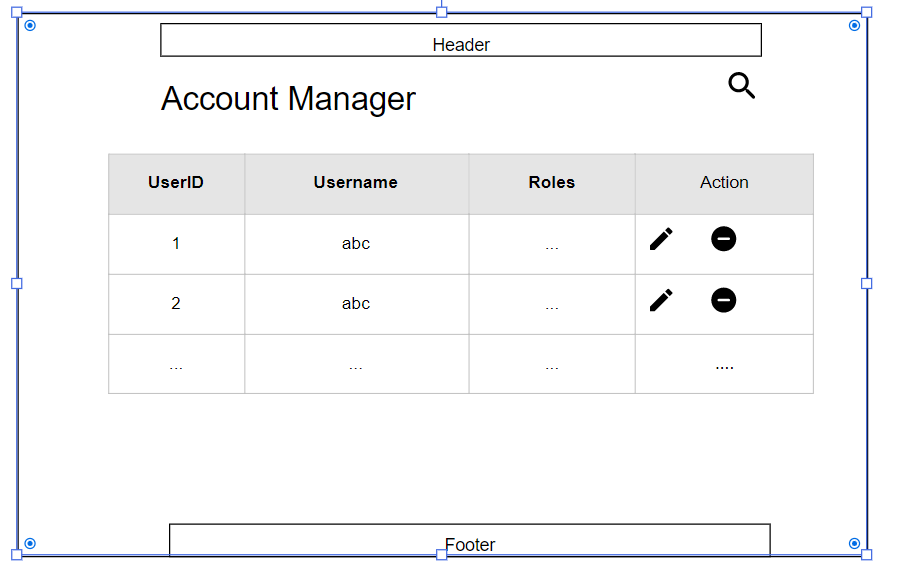
## 12. Set Role User

* 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:



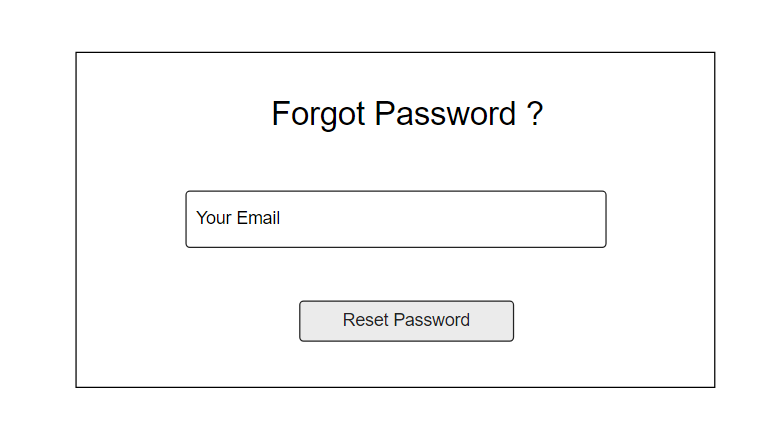
## 13. Block User

* 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:



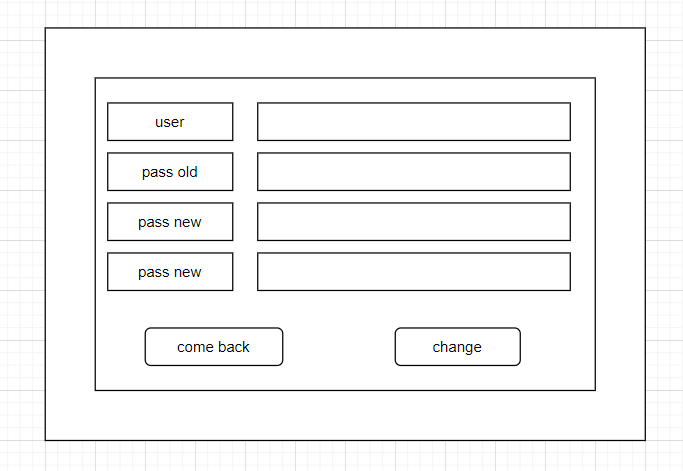
## 14. Reset Password

* 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:



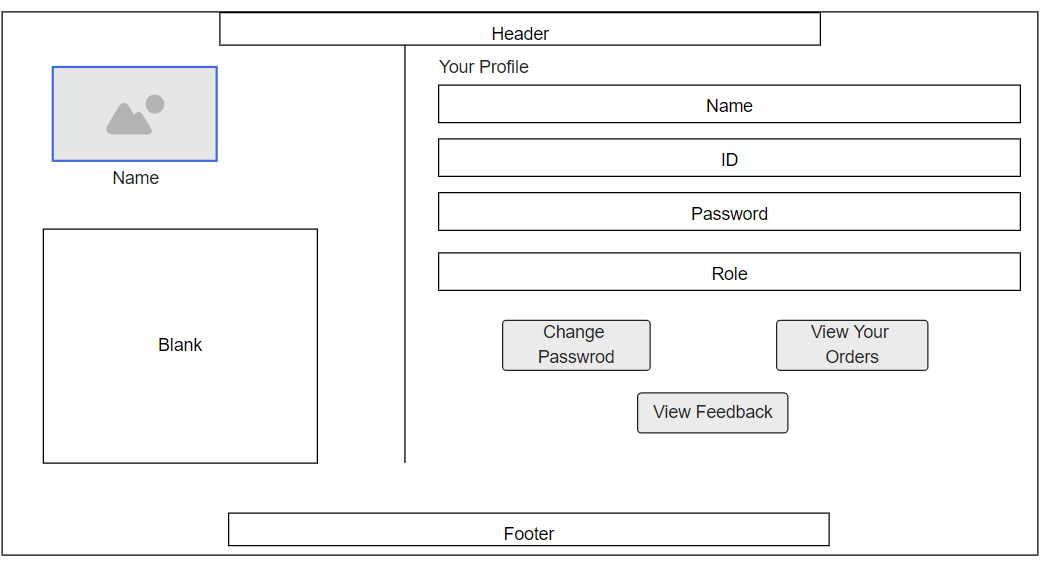
## 15. Change Password

* 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:



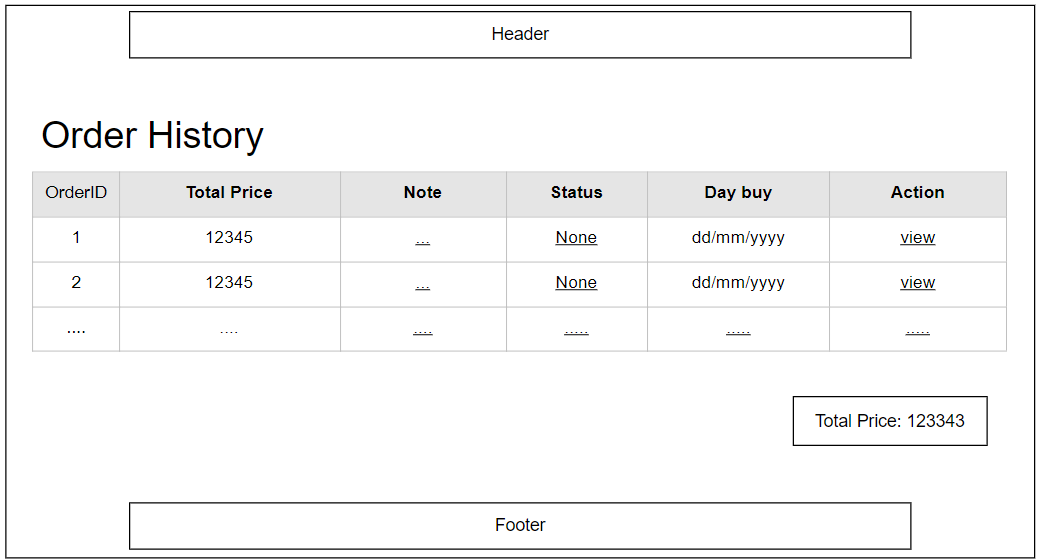
## 16. User Profile

* 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:



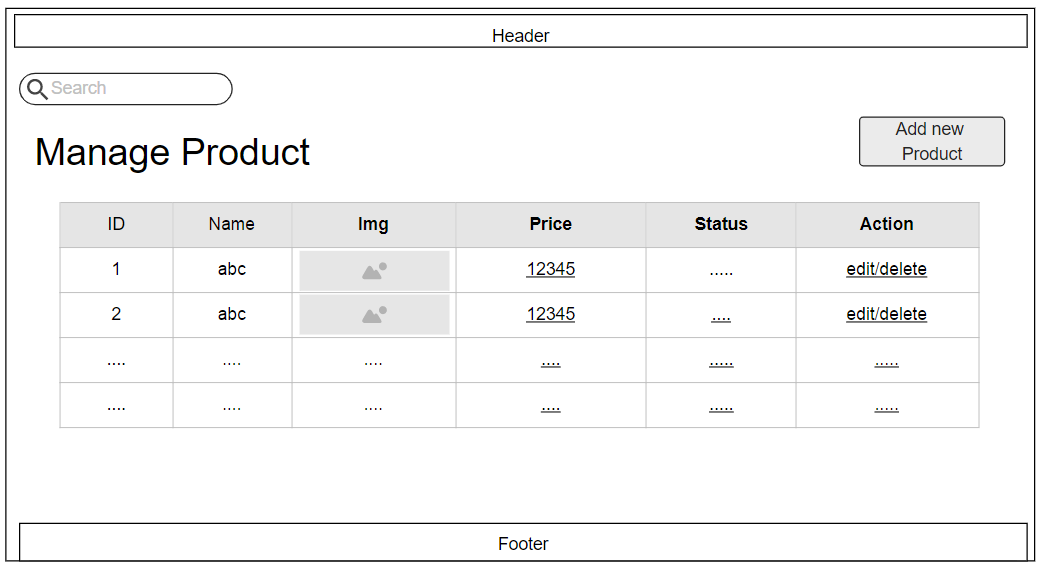
## 17. My Orders

* 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

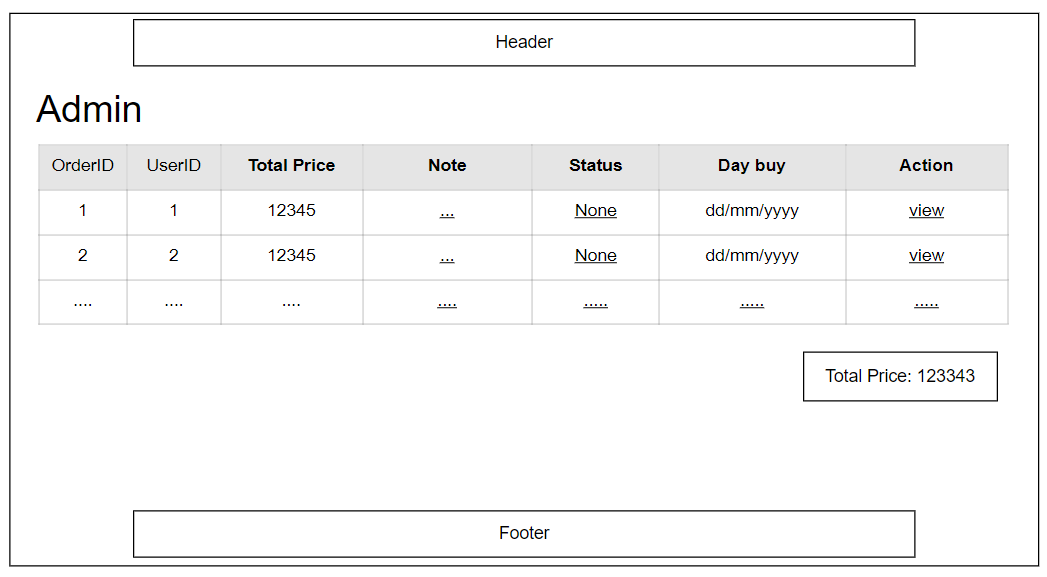
Function trigger: Admin Login and click Total Invoices

Function description:

• Role: Admin

• Purpose: Admin views list of all of 2 orders

Screen layout:



## 20. Order Details

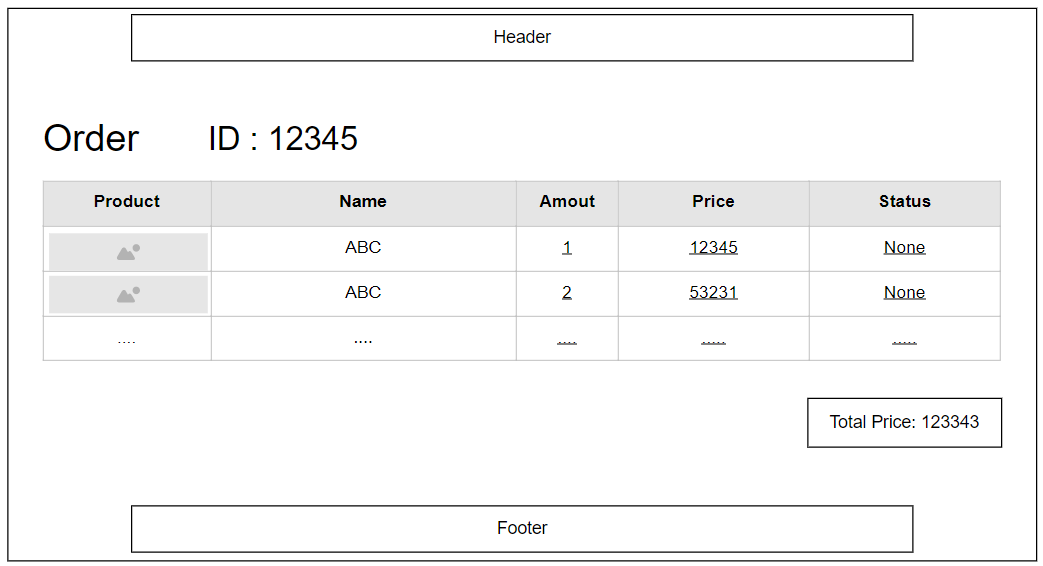
Function trigger: Seller Login and click Total Invoices

Function description:

• Role: Seller

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

Screen layout:



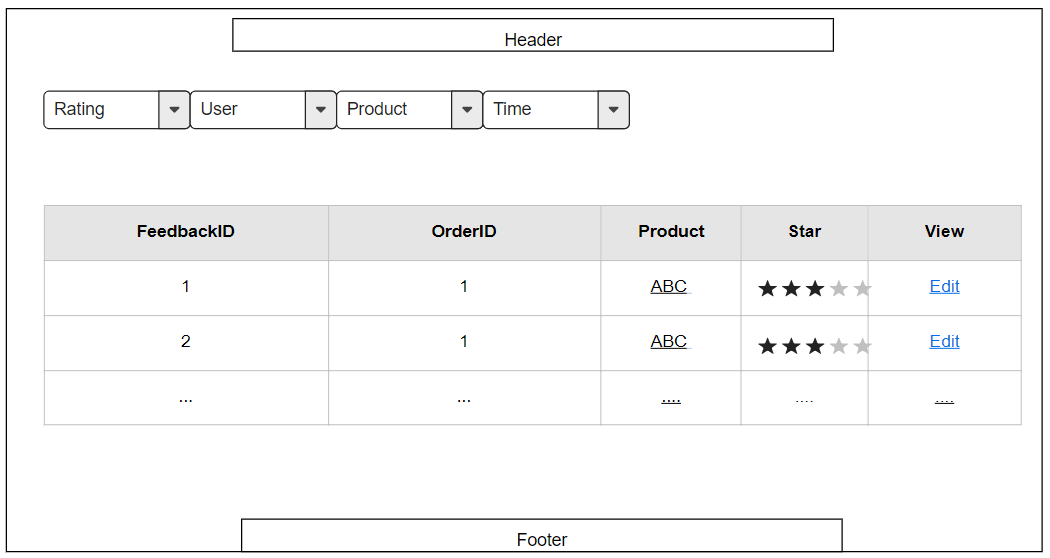
## 21. View Comment

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

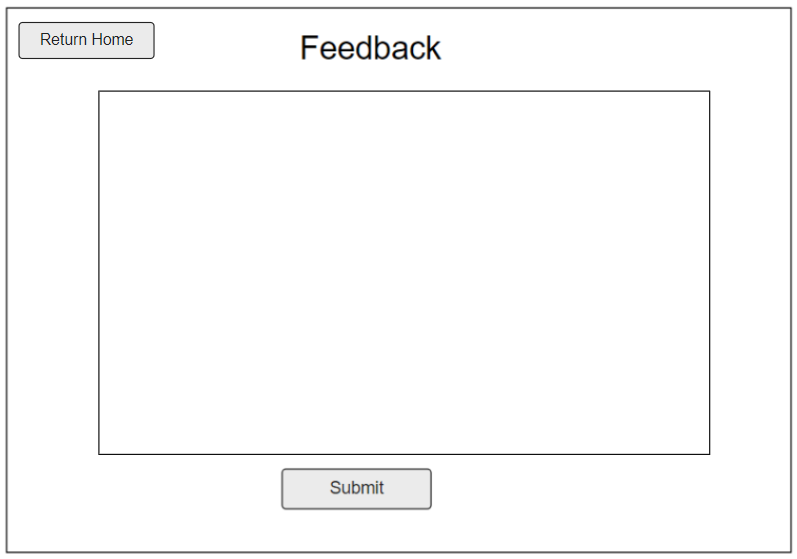
Function trigger: When the user want to contact with seller about product

Function description:

Role: User

Purpose: Customer writes and send a Feedback about a Product

Screen layout:

****

## 23. Blog 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 Detail

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:

**

## 25.Add Blog

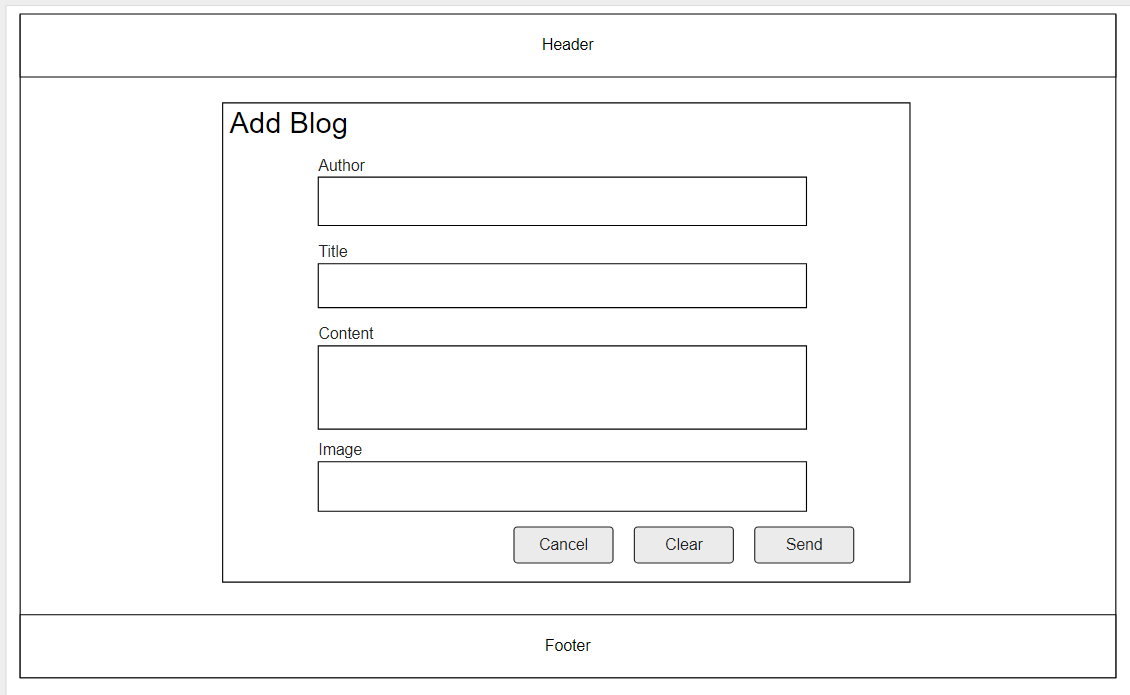
Function trigger: User click Add Blog button

Function description:

Role: User

Purpose: Users can add blogs.

Screen layout:

**

## 26.Update Blog

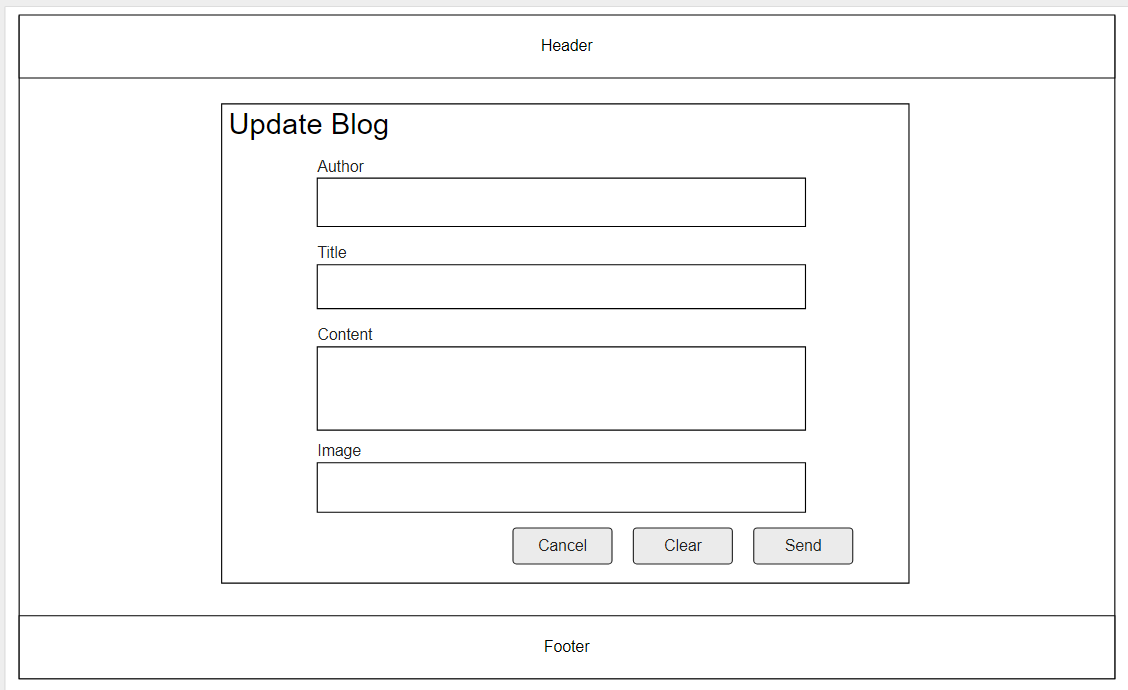
Function trigger: User click Update Blog button

Function description:

Role: User

Purpose: Users can update blogs.

Screen layout:

**

## 27.Blog management

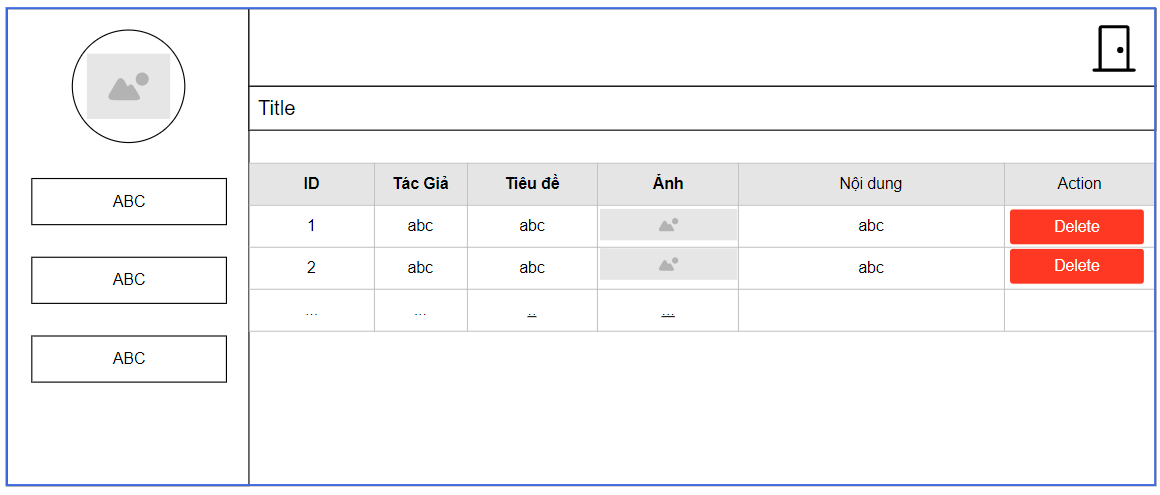
Function trigger: Marketting click Manage Blog in menu bar,delete blog

Function description:

Role: Marketing

Purpose: Marketing can delete blogs.

Screen layout:

**

## 28.Replies Feedback

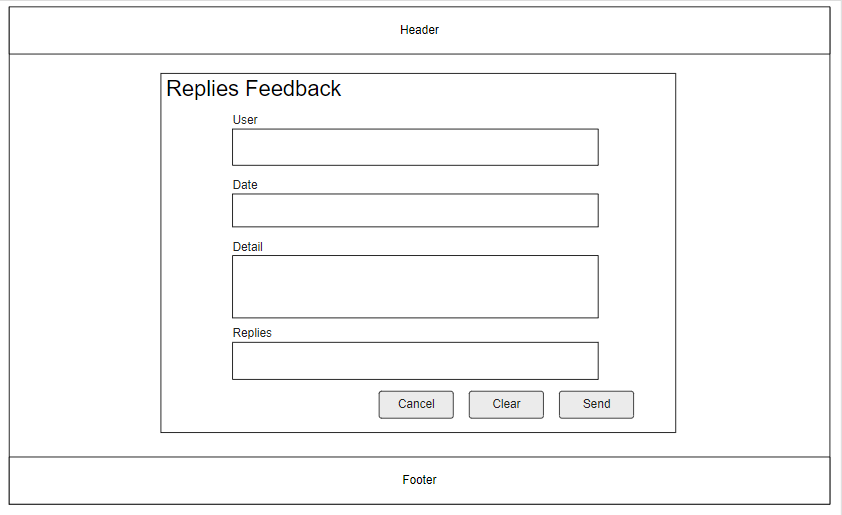
Function trigger: When the Seller clicks on the replies icon.

Function description:

Role: User

Purpose: Seller replies Customer feedback

Screen layout:



## 29.Notification

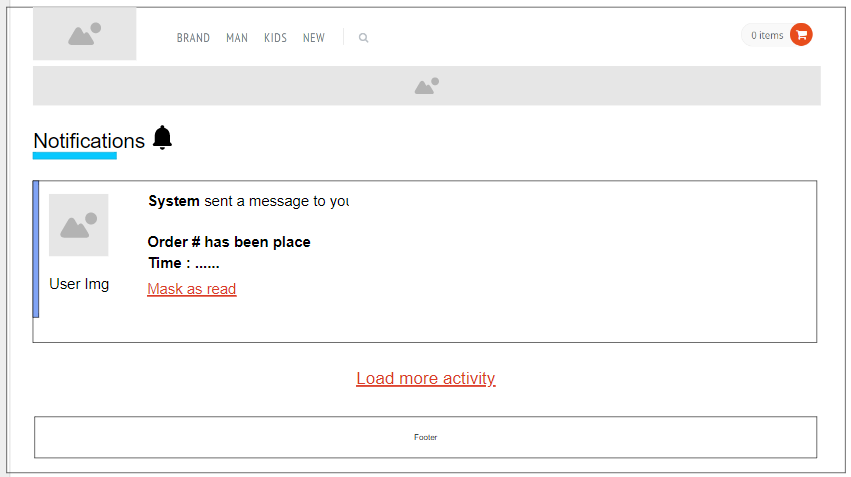
Function trigger: User click notification icon ( ) to view notification

Function description:

Role: User

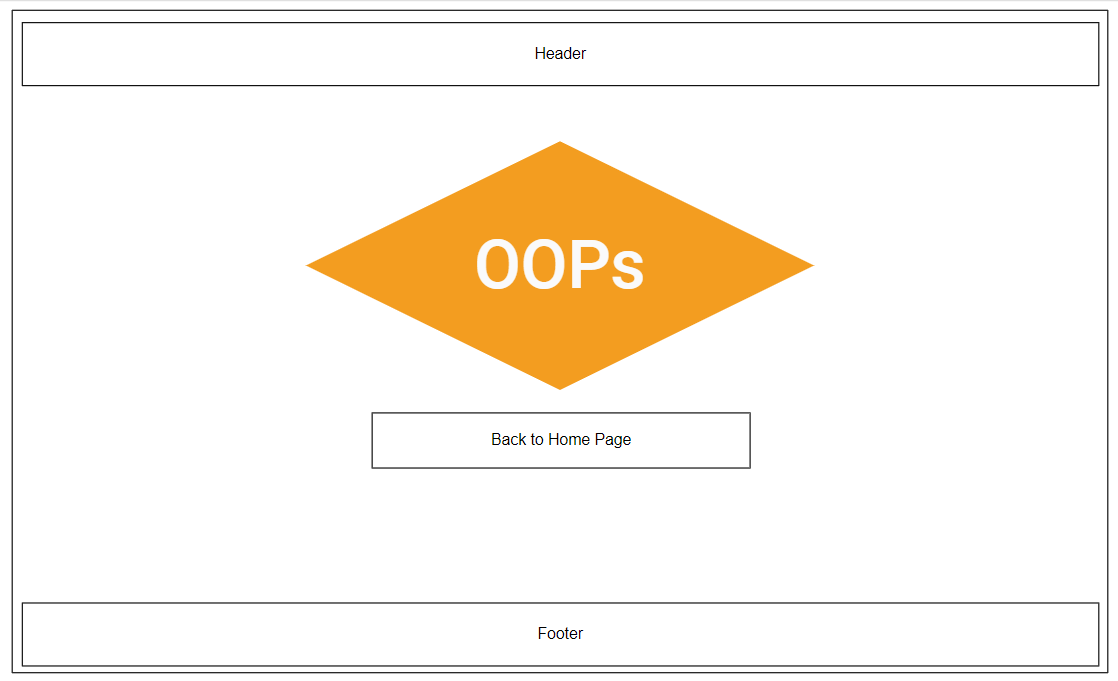
Purpose: View notification about your order

Screen layout:

**

## 30.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:

**

## 31.Homepage

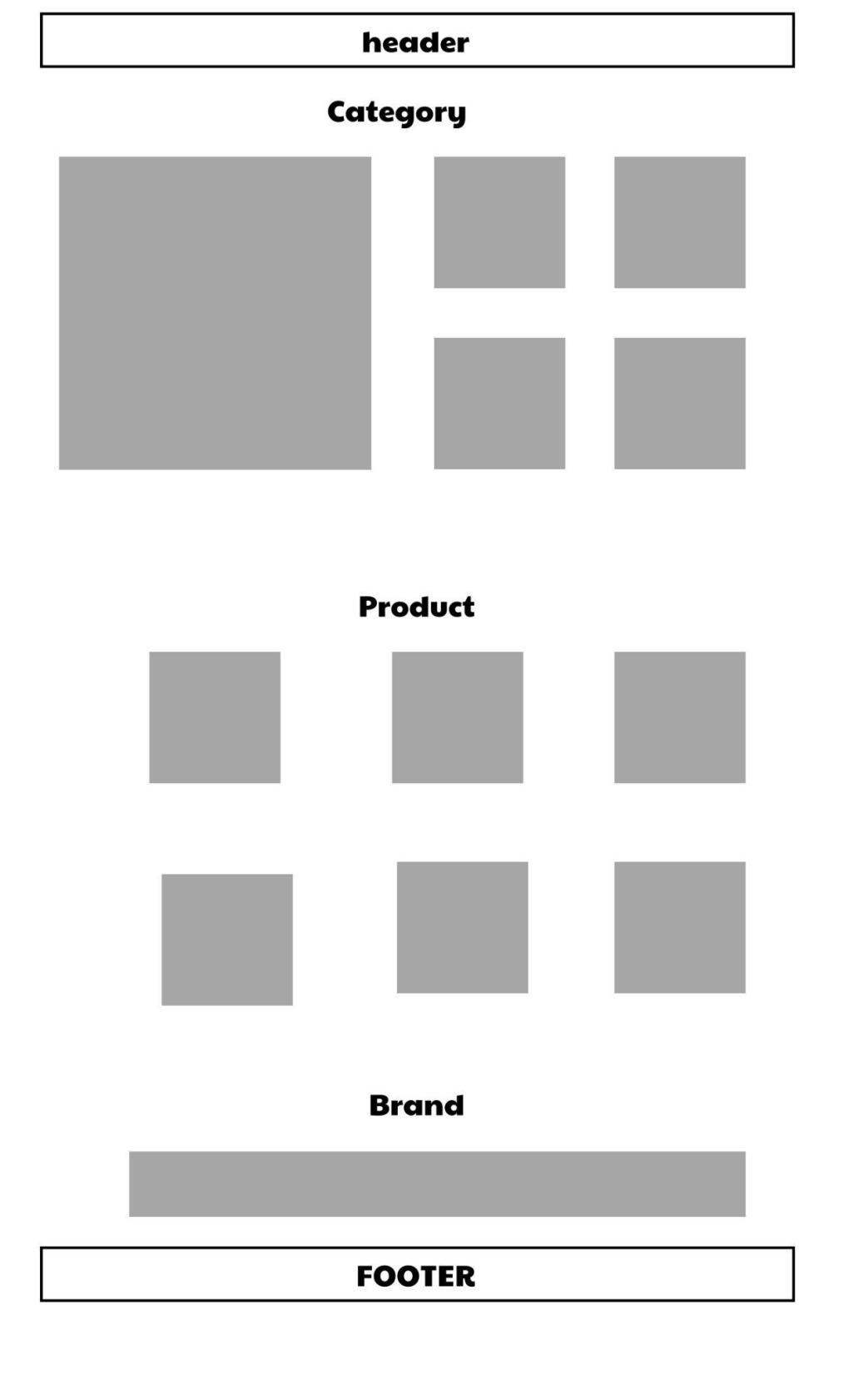
Function trigger: User accesses the website

Function description:

Role: Guest, User

Purpose: Showcase feature product to visitors

Screen layout:



## 32.Order Management

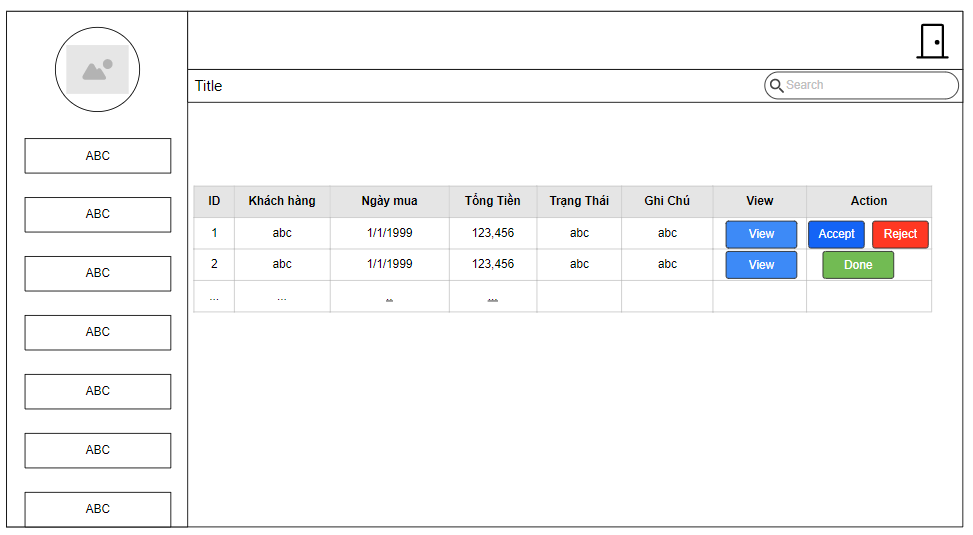
Function trigger: Marketting click Manage Blog in menu bar,delete blog

Function description:

Role: Marketing

Purpose: Marketing can delete blogs.

Screen layout:

**

## 33.Chart Manager

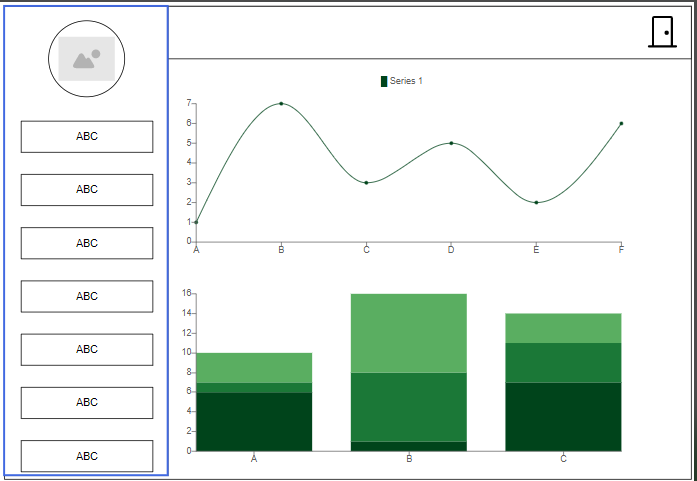
Function trigger: Seller click on Chart Manager on SellDashBoard

Function description:

Role: Seller

Purpose: Seller can view total revenue and total category sold

Screen layout:



## 34.Admin Dashboard

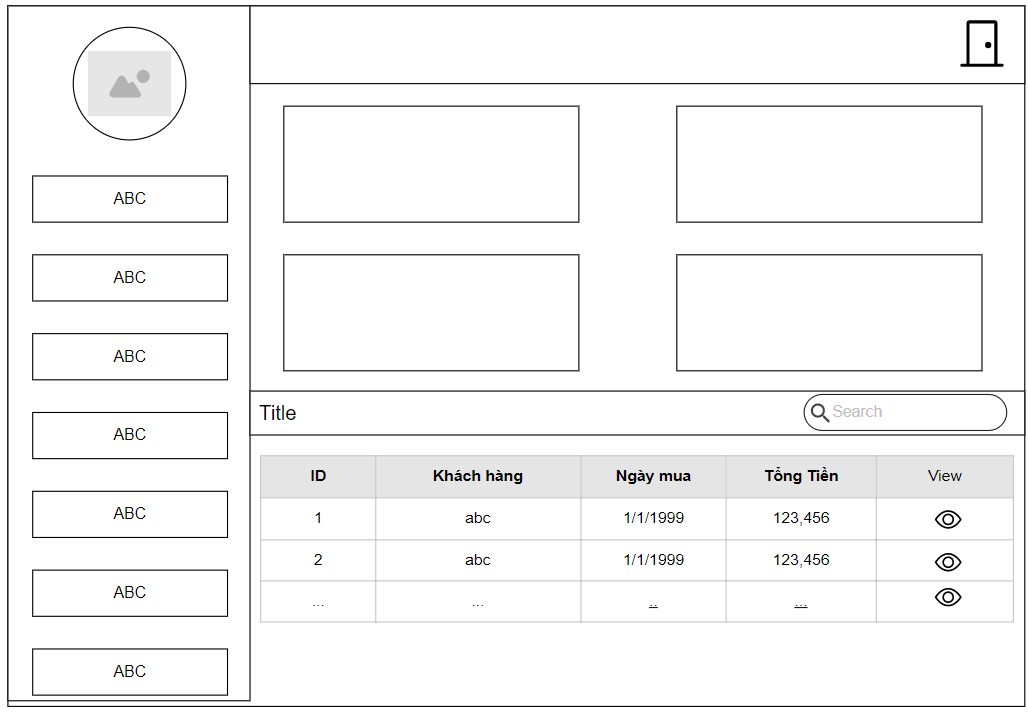
Function trigger: Admin click on DashBoard

Function description:

Role: Admin

Purpose: Admin can view total accounts and manage accounts.

Screen layout:



## 35.View brand

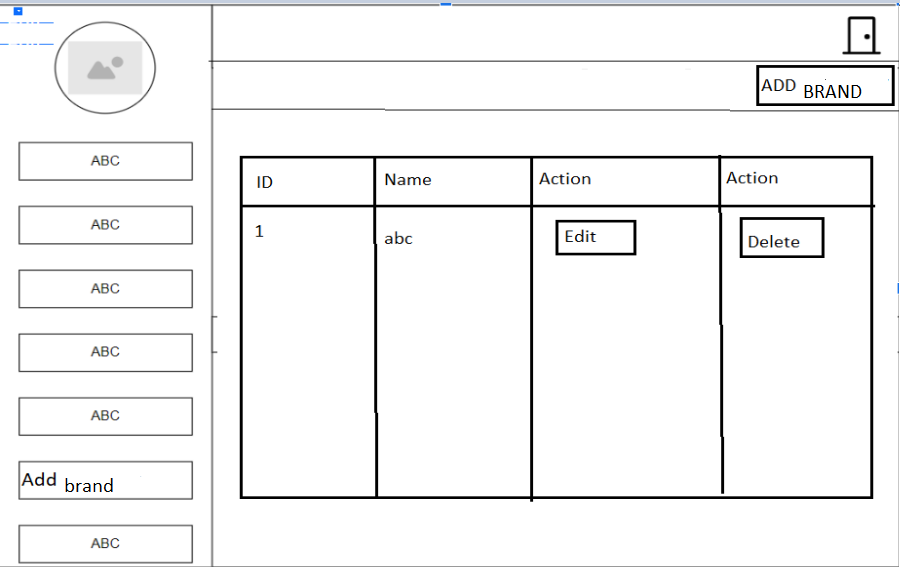
Function trigger: Sell click on DashBoard

Function description:

Role: sell

Purpose: Sell can view list of brand

Screen layout:



## 36.Add brand

Function trigger: Sell click on DashBoard

Function description:

Role: sell

Purpose: Sell can update brand

Screen layout:

## 37.Edit brand

Function trigger: Sell click on DashBoard

Function description:

Role: sell

Purpose: Sell can edit brand

Screen layout:

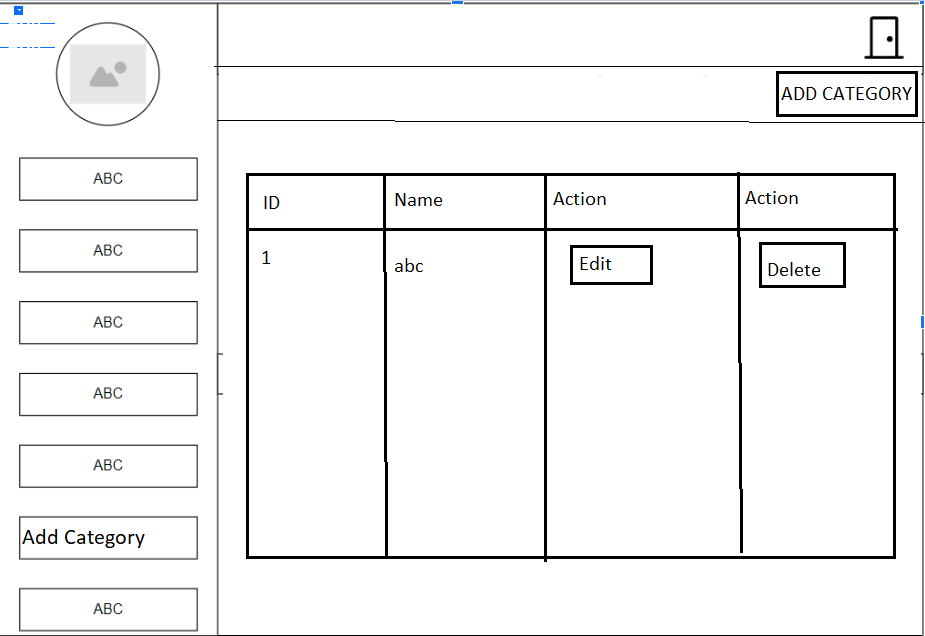
## 38.Category View

Function trigger: sellers go to the Dashboard and click to Add Category

Function description:

Role: Sellers

Purpose: Sellers can view list all of Category

Screen layout: 

## 39.Add Category

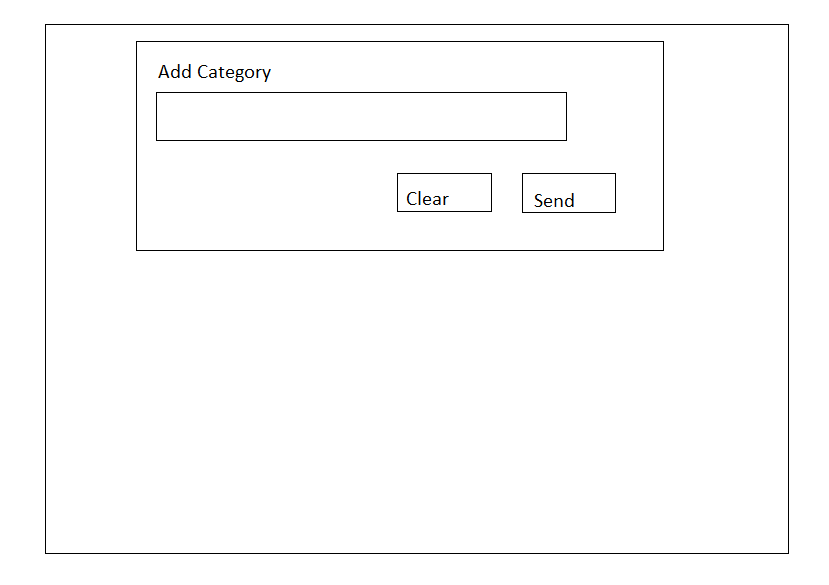
Function trigger: sellers go to the Add Category on the Category View screen.

Function description:

Role: Sellers

Purpose: Sellers can add new Category

Screen layout:



## 40.Edit Category

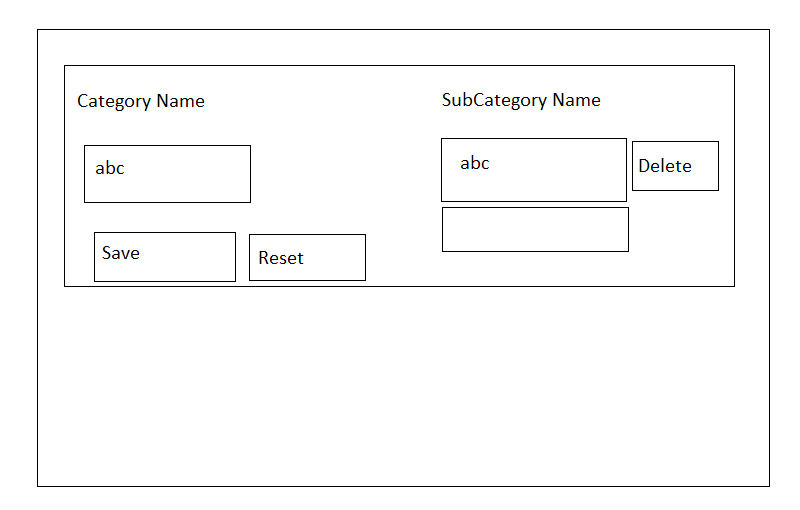
Function trigger: sellers go to the Edit Category on the Category View screen.

Function description:

Role: Sellers

Purpose: Sellers can edit Category and add, delete SubCategory

Screen layout:



## 41.Delivery DashBoard[Shipper]

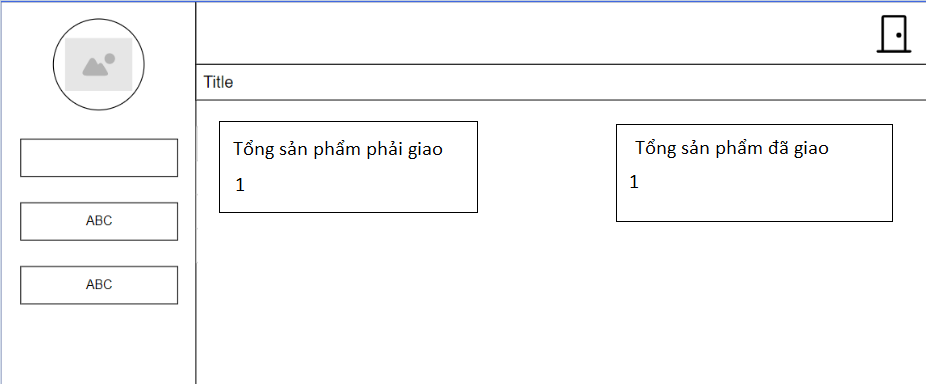
Function trigger: Shippers choose Delivery DashBoard on the HomeControl

Function description:

Role: Shipper

Purpose: Shipper can view total the product need to deliver and delivered

Screen layout:



## 42.Delivering Product[Shipper]

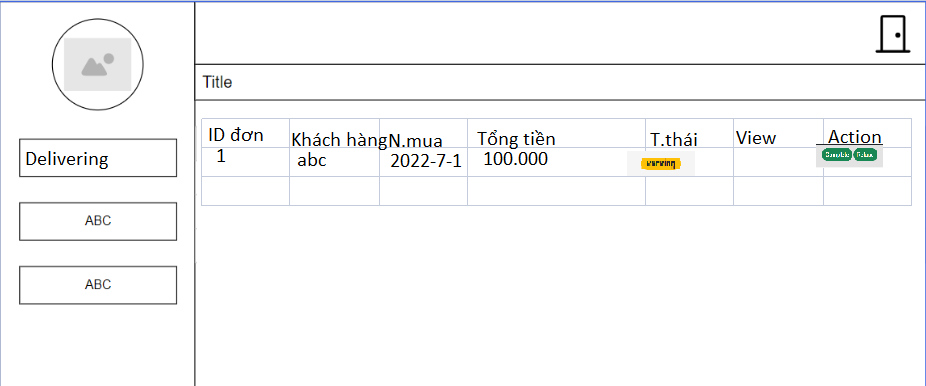
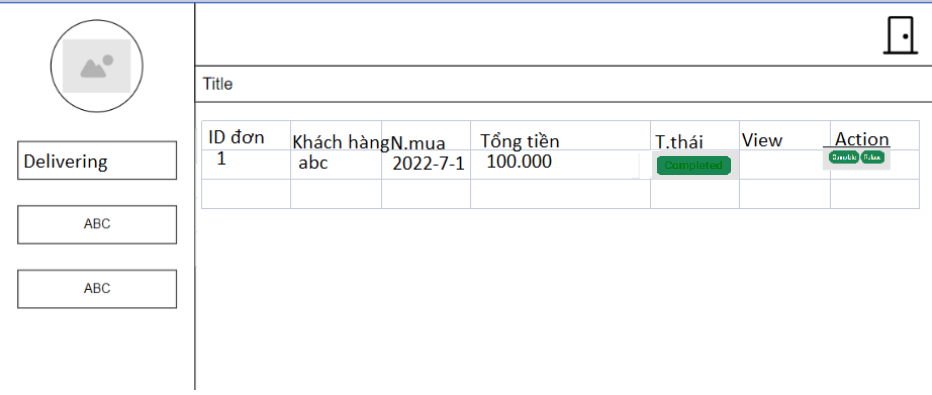
Function trigger: Shippers choose Delivering on the Delivery DashBoard

Function description:

Role: Shipper

Purpose: Shipper can view total the product need to deliver

Screen layout:



## 43.Completed Product[Shipper]

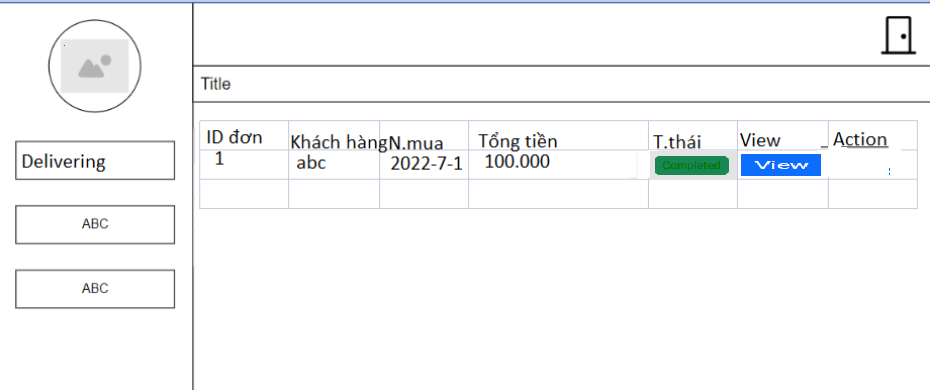
Function trigger: Shippers choose Completed on the Delivery DashBoard

Function description:

Role: Shipper

Purpose: Shipper can view the product are completed deliver.

Screen layout:



## 44.Canceled Product[Shipper]

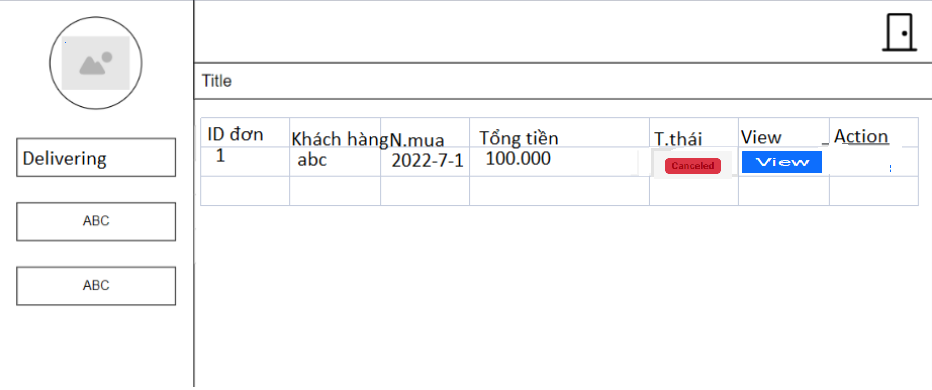
Function trigger: Shippers choose Completed on the Delivery DashBoard

Function description:

Role: Shipper

Purpose: Shipper can view the product are completed deliver.

Screen layout:



## 45.View Order History

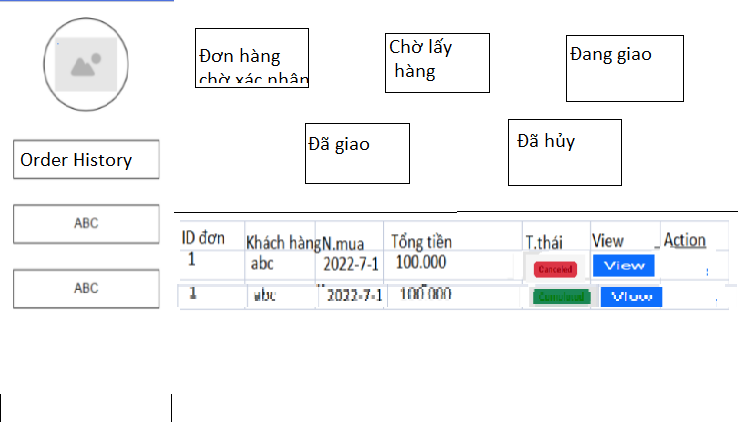
Function trigger: Choose Order History in the menu bar

Function description:

Role: Customers

Purpose: Everyone can view the product which bought

Screen layout:



## 46.View the product are waiting confirmation

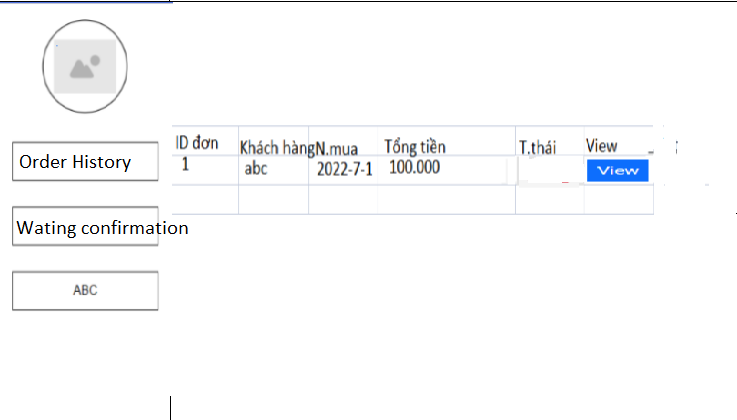
Function trigger: Choose Waiting confirmation in the Order History

Function description:

Role: Customers

Purpose: Everyone can view the product are waiting confirmation

Screen layout:



## 47.View the product are packing

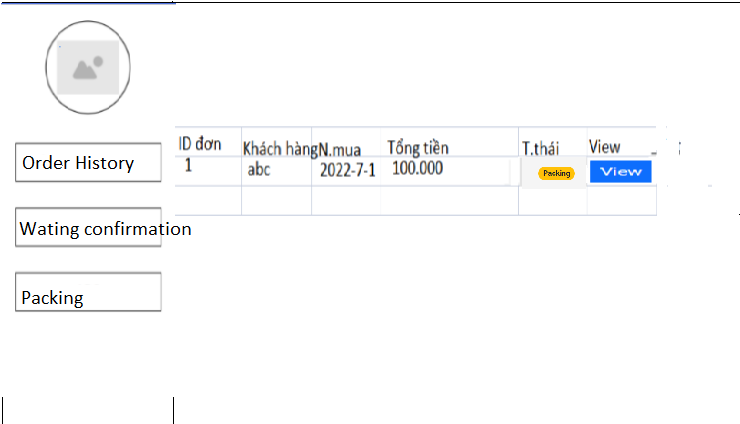
Function trigger: Choose Packing in the Order History

Function description:

Role: Customers

Purpose: Everyone can view the product are packing

Screen layout:



## 48.View the product are Delivering

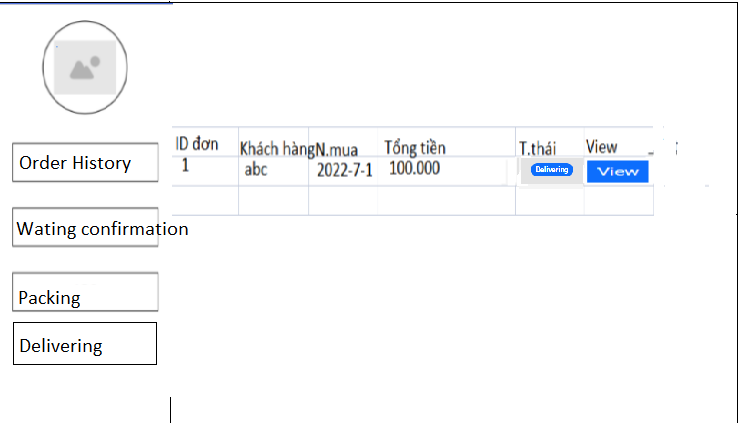
Function trigger: Choose Delivering in the Order History

Function description:

Role: Customers

Purpose: Everyone can view the product are delivering

Screen layout:



## 49.View the product are Completed

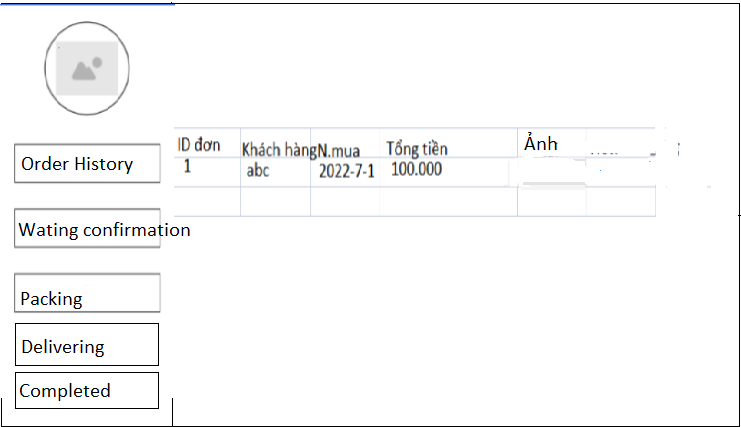
Function trigger: Choose Completed in the Order History

Function description:

Role: Customers

Purpose: Everyone can view the product are completed

Screen layout:



## 50.View the product are Cancelled

Function trigger: Choose Cancelled in the Order History

Function description:

Role: Customers

Purpose: Everyone can view the product are Cancelled

Screen layout:



## 44. Manager Product

Function trigger: sellers go to the view product

Function description:

Role: Sellers

Purpose: Sellers can view Product

Screen layout:

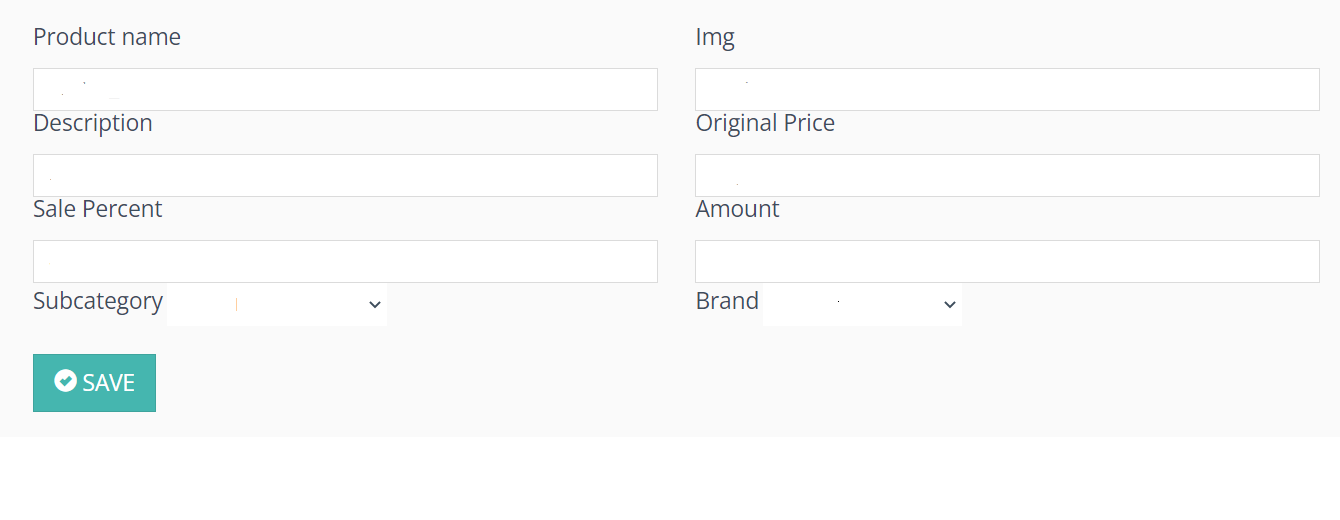
## 45.Add Product

Function trigger: sellers go to the Add Category Function description:

Role: Sellers

Purpose: Sellers can add Product

Screen layout:



## 46. Edit Product

Function trigger: sellers go to the Edit Product

Function description:

Role: Sellers

Purpose: Sellers can edit product

Screen layout:

