



ĐẠI HỌC FPT

Mini Store Management REPORT

TÊN: TRƯỜNG MINH PHƯỚC

MSSV: SE184067

LỚP: PRJ301_3W_03

- HCM, APR 2024 -

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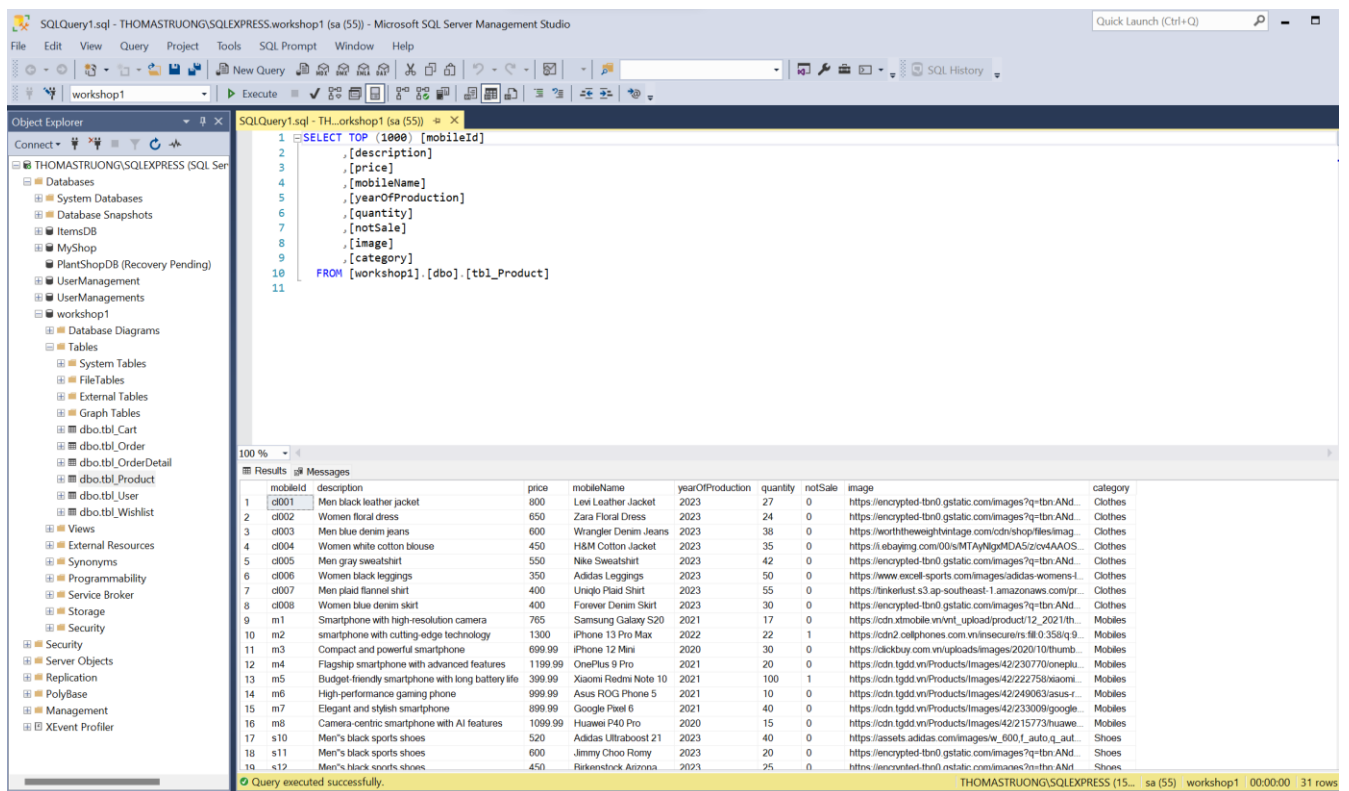
I. Overview

1. Introduction

My project is a website that sells mobile phone, shoes, clothes and watches(product lists). There are 2 roles: Admin and User. When Login as a User, you can view the product lists, you can put it in the shopping cart and buy. When you buy, you will leave some information so that the cake can be delivered. When logging in with the Admin role, you can view orders (can search by userId), can manage users (search, delete, edit, add), can manage product (search, add, delete, edit).

2. Database

- Database Name: workshop1
- + tbl_Product



The screenshot shows the Microsoft SQL Server Management Studio interface. The left pane displays the 'Object Explorer' with the 'workshop1' database selected. The central pane shows a SQL query: `SELECT TOP (1000) [mobileId], [description], [price], [mobileName], [yearOfProduction], [quantity], [notSale], [image], [category] FROM [workshop1].[dbo].[tbl_Product]`. The bottom pane shows the results of the query, which is a table with 10 columns: mobileId, description, price, mobileName, yearOfProduction, quantity, notSale, image, and category. The table contains 12 rows of data, including items like 'Men black leather jacket', 'Women floral dress', 'Men blue denim jeans', 'Women white cotton blouse', 'Men gray sweatshirt', 'Women black leggings', 'Men plaid flannel shirt', 'Women blue denim skirt', 'Smartphone with high-resolution camera', 'iPhone 13 Pro Max', 'Compact and powerful smartphone', and 'Flagship smartphone with advanced features'.

mobileId	description	price	mobileName	yearOfProduction	quantity	notSale	image	category
d001	Men black leather jacket	800	Levi Leather Jacket	2023	27	0	https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd...	Clothes
d002	Women floral dress	650	Zara Floral Dress	2023	24	0	https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd...	Clothes
d003	Men blue denim jeans	600	Wrangler Denim Jeans	2023	38	0	https://worththeweightvintage.com/cdn/shop/files/imag...	Clothes
d004	Women white cotton blouse	450	H&M Cotton Jacket	2023	35	0	https://i.ebayimg.com/00/s/MTA9Nkg0MDA5z/cv4AAOS...	Clothes
d005	Men gray sweatshirt	550	Nike Sweatshirt	2023	42	0	https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd...	Clothes
d006	Women black leggings	350	Addias Leggings	2023	50	0	https://www.excell-sports.com/images/addias-womens-l...	Clothes
d007	Men plaid flannel shirt	400	Uniqlo Plaid Shirt	2023	55	0	https://tinkerlust.s3.ap-southeast-1.amazonaws.com/pr...	Clothes
d008	Women blue denim skirt	400	Forever Denim Skirt	2023	30	0	https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd...	Clothes
m1	Smartphone with high-resolution camera	765	Samsung Galaxy S20	2021	17	0	https://cdn.stimotele.vn/vint_upload/product/12_2021/th...	Mobles
m2	smartphone with cutting edge technology	1300	iPhone 13 Pro Max	2022	22	1	https://cdn2.cellphones.com.vn/images/secure/18_0_358/q...	Mobles
m3	Compact and powerful smartphone	699.99	iPhone 12 Mini	2020	30	0	https://clickbuy.com.vn/uploads/images/2020/10/thumb...	Mobles
m4	Flagship smartphone with advanced features	1199.99	OnePlus 9 Pro	2021	20	0	https://cdn.tgdd.vn/Products/Images/42/230770/oneplu...	Mobles
m5	Budget-friendly smartphone with long battery life	399.99	Xiaomi Redmi Note 10	2021	100	1	https://cdn.tgdd.vn/Products/Images/42/222758/xiaomi...	Mobles
m6	High-performance gaming phone	999.99	Asus ROG Phone 5	2021	10	0	https://cdn.tgdd.vn/Products/Images/42/249063/asus-r...	Mobles
m7	Elegant and stylish smartphone	899.99	Google Pixel 6	2021	40	0	https://cdn.tgdd.vn/Products/Images/42/233009/google...	Mobles
m8	Camera-centric smartphone with AI features	1099.99	Huawei P40 Pro	2020	15	0	https://cdn.tgdd.vn/Products/Images/42/215773/huawe...	Mobles
s10	Men's black sports shoes	520	Addias Ultraboost 21	2023	40	0	https://assets.addias.com/images/w_600_f_auto,q_aut...	Shoes
s11	Men's black sports shoes	600	Jimmy Choo Romy	2023	20	0	https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd...	Shoes
s12	Men's black sports shoes	450	Rikenstock Arizona	2023	25	0	https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd...	Shoes

+ tbl_User

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'THOMASTRUONG\SQLEXPRESS'. The 'workshop1' database is expanded, showing tables like 'tbl_Cart', 'tbl_Order', 'tbl_Product', 'tbl_User', and 'tbl_Wishlist'. The 'tbl_User' table is selected. The SQL Query window on the right contains the following query:

```
1 SELECT TOP (1000) [userId]
2     , [password]
3     , [fullName]
4     , [role]
5 FROM [workshop1].[dbo].[tbl_User]
6
```

The Results pane at the bottom shows the output of the query:

	userId	password	fullName	role
1	admin	1	tua la admin ne man	2
2	phuoc	1	tua la user	0

The status bar at the bottom indicates 'Query executed successfully.' and 'THOMASTRUONG\SQLEXPRESS (15... sa (59) workshop1 00:00:00 2 rows'.

+ tbl_Order

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'THOMASTRUONG\SQLEXPRESS'. The 'workshop1' database is expanded, showing tables like 'tbl_Cart', 'tbl_Order', 'tbl_Product', 'tbl_User', and 'tbl_Wishlist'. The 'tbl_Order' table is selected. The SQL Query window on the right contains the following query:

```
1 SELECT TOP (1000) [orderId]
2     , [userId]
3     , [fullName]
4     , [phoneNumber]
5     , [address]
6     , [email]
7 FROM [workshop1].[dbo].[tbl_Order]
8
```

The Results pane at the bottom shows the output of the query:

	orderId	userId	fullName	phoneNumber	address	email
1	1	phuoc	truong phuoc	0901308975	23123131 to e	truongphuoc098@gmail.com
2	2	phuoc	truong phuoc	0901308975	23123131 to e	truongphuoc098@gmail.com
3	3	phuoc	truong phuoc	0901308975	23123131 to e	truongphuoc098@gmail.com
4	4	phuoc	truong phuoc	0901308975	23123131 to e	truongphuoc098@gmail.com
5	5	phuoc	truong phuoc	0901308975	23123131 to e	truongphuoc098@gmail.com

The status bar at the bottom indicates 'Query executed successfully.' and 'THOMASTRUONG\SQLEXPRESS (15... sa (54) workshop1 00:00:00 5 rows'.

+ tbl_OrderDetail

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The left pane displays the 'Object Explorer' with the 'workshop1' database selected. The right pane shows a SQL query window with the following query:

```
1 SELECT TOP (1000) [orderId]
2     ,[mobileId]
3     ,[quantity]
4     ,[price]
5 FROM [workshop1].[dbo].[tbl_OrderDetail]
6
```

The 'Results' pane at the bottom shows the following data:

orderId	mobileId	quantity	price
1	d001	1	800
2	d002	1	650
3	d003	1	600
4	d003	1	600
5	d001	3	800
6	d005	3	550

The status bar at the bottom indicates 'Query executed successfully.' and 'THOMASTRUONG\SQLEXPRESS (15... sa (60) workshop1 00:00:00 6 rows'.

+ tbl_Cart

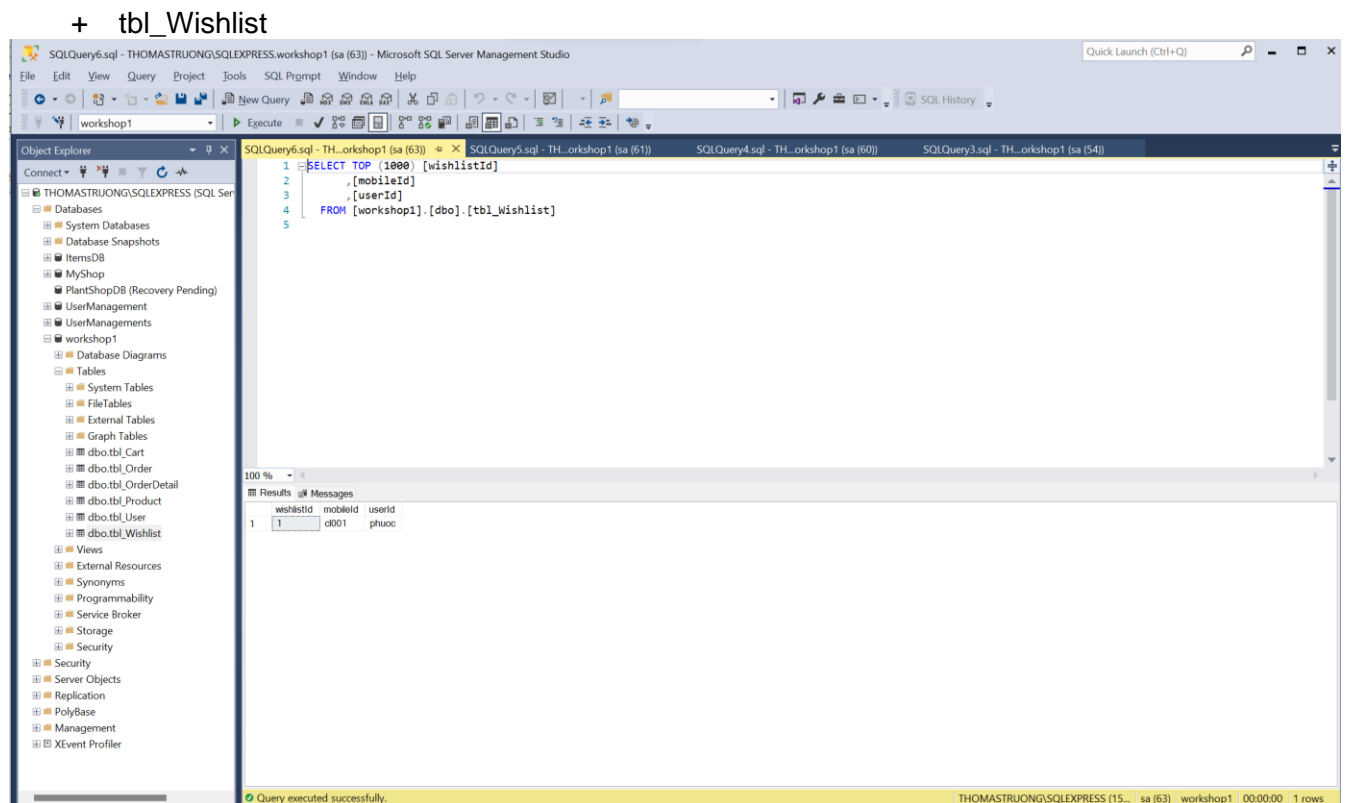
The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The left pane displays the 'Object Explorer' with the 'workshop1' database selected. The right pane shows a SQL query window with the following query:

```
1 SELECT TOP (1000) [cartId]
2     ,[userId]
3     ,[mobileId]
4     ,[quantity]
5 FROM [workshop1].[dbo].[tbl_Cart]
6
```

The 'Results' pane at the bottom shows the following data:

cartId	userId	mobileId	quantity
2	phuoc	d001	1
1	phuoc	d002	1
3	phuoc	d003	1

The status bar at the bottom indicates 'Query executed successfully.' and 'THOMASTRUONG\SQLEXPRESS (15... sa (61) workshop1 00:00:00 3 rows'.



3. Database

Model: The model represents data structures. This includes classes like UserDTO, OrderDTO, ProductDTO, CartDTO, and WishListDTO, which seem to map to database tables. The model also includes Data Access Objects (DAOs) like UserDao and OrderDao, which handle database operations.

- **View:** The view is responsible for rendering the user interface. In the application, this includes JSP files like user.jsp and checkOut.jsp. These files display data from the model to the user and capture user input.
- **Controller:** The controller handles user input and updates the model accordingly. In your application, this includes servlets like SearchUserController and DeleteController. These servlets receive HTTP requests, perform operations using the DAOs, and forward the request to the appropriate JSP for rendering the response.

Assignment - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Services Files Projects

Source Packages

- controller
 - AddToCartController.java
 - AddWishlistController.java
 - ChangeController.java
 - CheckoutController.java
 - CreateController.java
 - CreateUserController.java
 - DeleteController.java
 - DeleteUserController.java
 - EditController.java
 - LoginController.java
 - LogoutController.java
 - MainController.java
 - ManageOrderController.java
 - ManageProductController.java
 - ManageUserController.java
 - RemoveController.java
 - RemoveWishlistController.java
 - SearchByPriceController.java
 - SearchByPriceController.java
 - SearchCartController.java
 - SearchCategoryController.java
 - SearchController.java
 - SearchOrderController.java
 - ShowDetailController.java
 - SignupController.java
 - UpdateController.java
 - UpdateInRoleAdminController.java
 - UpdateInRoleUserController.java
 - UpdateUserController.java
 - ViewCartController.java
 - WishlistController.java
- order
 - OrderDAO.java
 - OrderDTO.java
 - OrderDetailDTO.java
- product
 - CartDAO.java
 - CartDTO.java
 - ProductDAO.java
 - ProductDTO.java
 - ProductError.java
 - WishlistDAO.java
 - WishlistDTO.java
- users
 - UserDAO.java
 - UserDTO.java
 - UserError.java
- utils
 - DBUtils.java
- Test Packages
- Libraries
- Test Libraries
- Configuration Files
- Classes/Shop
- Web Pages

Source

```
17  * Author ADMIN
18  */
19  @WebServlet(name = "MainController", urlPatterns = {"/MainController"})
20  public class MainController extends HttpServlet {
21
22      private static final String ERROR = "home.jsp";
23
24      private static final String LOGIN = "Login";
25      private static final String LOGIN_CONTROLLER = "LoginController";
26
27      private static final String SIGNUP = "Signup";
28      private static final String SIGNUP_CONTROLLER = "SignupController";
29
30      private static final String SEARCH = "Search";
31      private static final String SEARCH_CONTROLLER = "SearchController";
32
33      private static final String DELETE = "Delete";
34      private static final String DELETE_CONTROLLER = "DeleteController";
35
36      private static final String UPDATE = "Update";
37      private static final String UPDATE_CONTROLLER = "UpdateController";
38
39      private static final String UPDATEINROLE_USER = "UpdateInRoleUser";
40      private static final String UPDATEINROLE_USER_CONTROLLER = "UpdateInRoleUserController";
41
42      private static final String UPDATEINROLE_ADMIN = "UpdateInRoleAdmin";
43      private static final String UPDATEINROLE_ADMIN_CONTROLLER = "UpdateInRoleAdminController";
44
45      private static final String CREATE = "Create";
46      private static final String CREATE_CONTROLLER = "CreateController";
47
48      private static final String SEARCHBYPRICE = "SearchByPrice";
49      private static final String SEARCHBYPRICE_CONTROLLER = "SearchByPriceController";
50
51      private static final String SEARCHCART = "SearchCart";
52      private static final String SEARCHCART_CONTROLLER = "SearchCartController";
53
54      private static final String SEARCHBYNAME = "SearchByName";
55      private static final String SEARCHBYNAME_CONTROLLER = "SearchByNameController";
56
57      private static final String VIEW = "View";
58      private static final String VIEWCART_CONTROLLER = "ViewCartController";
59
60      private static final String ADD = "Add";
61      private static final String ADD_CONTROLLER = "AddToCartController";
62
63      private static final String EDIT = "Edit";
64      private static final String EDIT_CONTROLLER = "EditController";
65
66      private static final String REMOVE = "Remove";
67      private static final String REMOVE_CONTROLLER = "RemoveController";
68
69      private static final String MANAGEPRODUCT = "ManageProduct";
70      private static final String MANAGEPRODUCT_CONTROLLER = "ManageProductController";
71
72      private static final String MANAGEORDER = "ManageOrder";
73      private static final String MANAGEORDER_CONTROLLER = "ManageOrderController";
74
```

Notifications Output

7:1

II. Functional Requirements

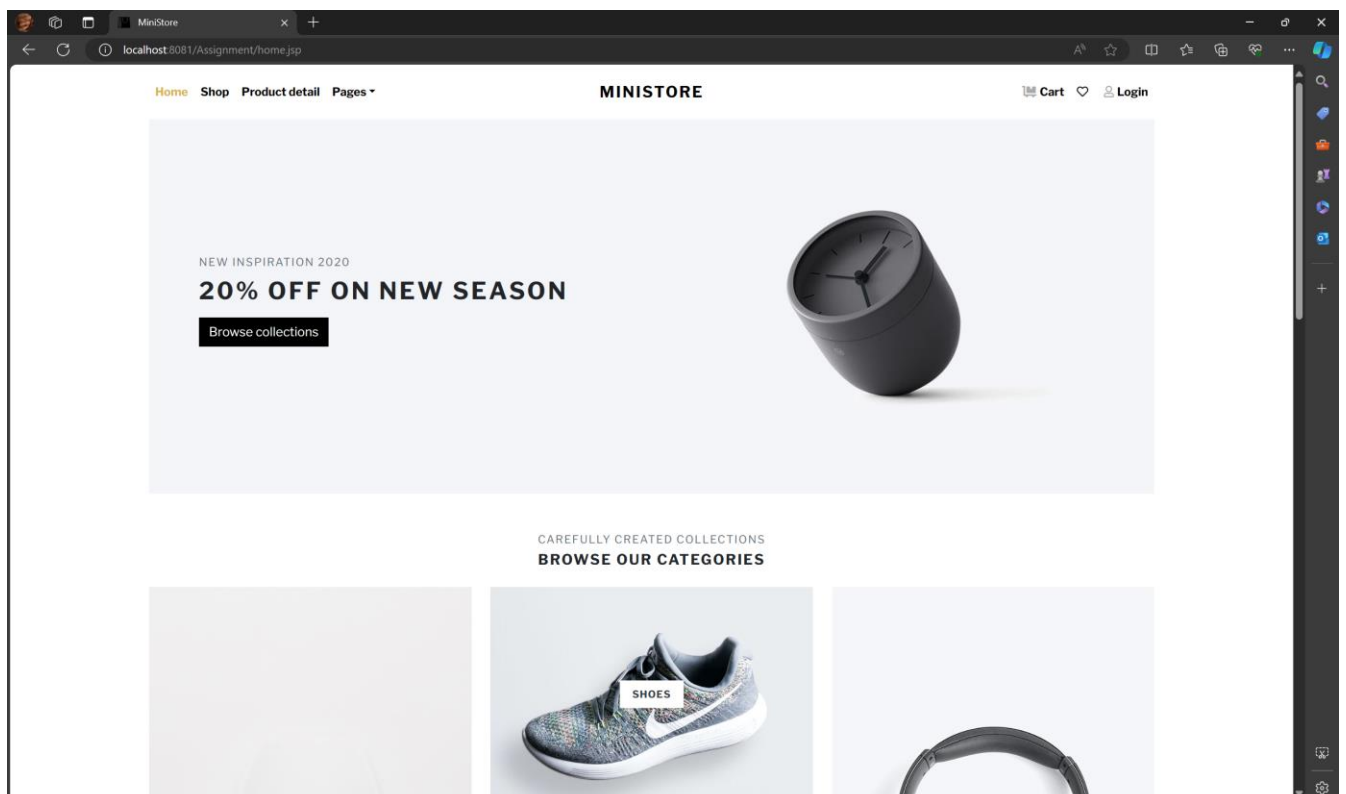
1. Login

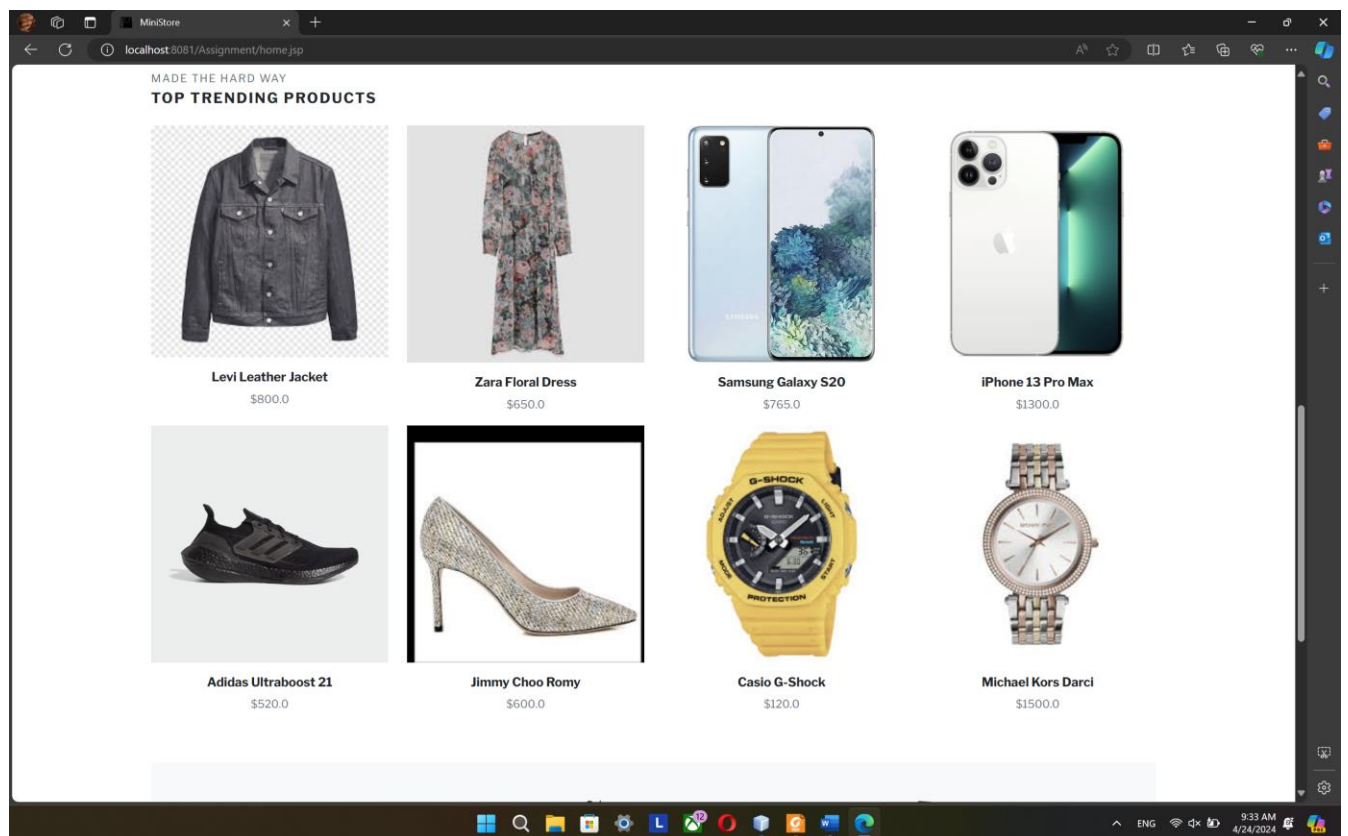
The screenshot displays a web browser window with the address bar showing `localhost:8081/Assignment/login.jsp`. The page title is "Login Page". The website header includes navigation links: [Home](#), [Shop](#), [Product detail](#), and [Pages](#). The main heading is "MINISTORE" with a "Login" link. Below the heading is the "Login & Signup Forms" section, which has two tabs: "LOGIN" (selected) and "SIGN UP". The login form is a white box with a light blue shadow, containing a "User ID" input field, a "Password" input field, and a green "Login" button. The footer features three promotional banners: "FREE SHIPPING" (Free shipping worldwide), "24 X 7 SERVICE" (Free shipping worldwide), and "FESTIVAL OFFERS" (Free shipping worldwide).

2. Register

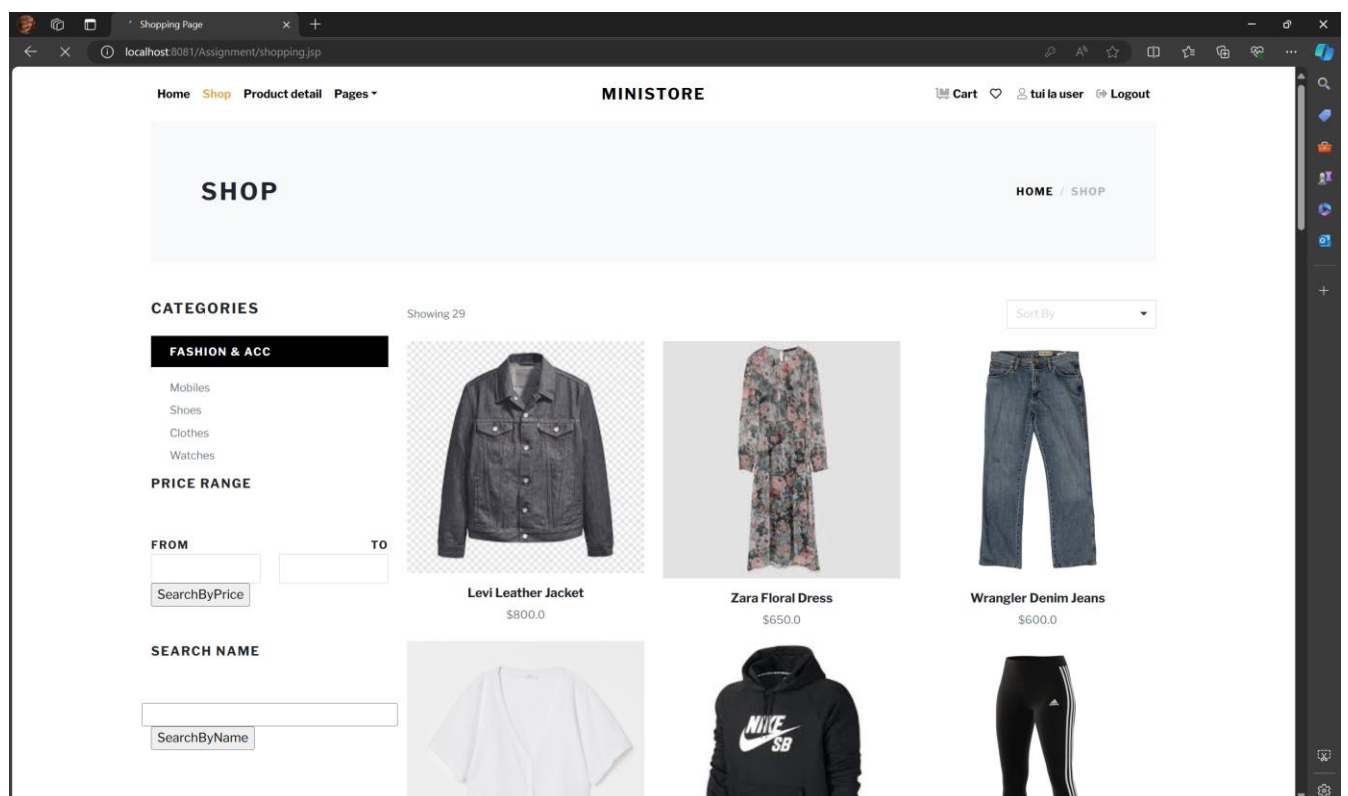
The screenshot shows a web browser window with the URL `localhost:8081/Assignment/login.jsp`. The page is titled "MINISTORE" and has a navigation bar with links: Home, Shop, Product detail, and Pages. A "Login" link is in the top right corner. The main heading is "Login & Signup Forms". Below this, there are two tabs: "LOGIN" and "SIGN UP". The "SIGN UP" tab is active, showing a form with the following fields: User ID, User Name, Password, and Confirm. A "Sign Up" button is at the bottom of the form. The footer contains three promotional banners: "FREE SHIPPING" (Free shipping worldwide), "24 X 7 SERVICE" (Free shipping worldwide), and "FESTIVAL OFFERS" (Free shipping worldwide).

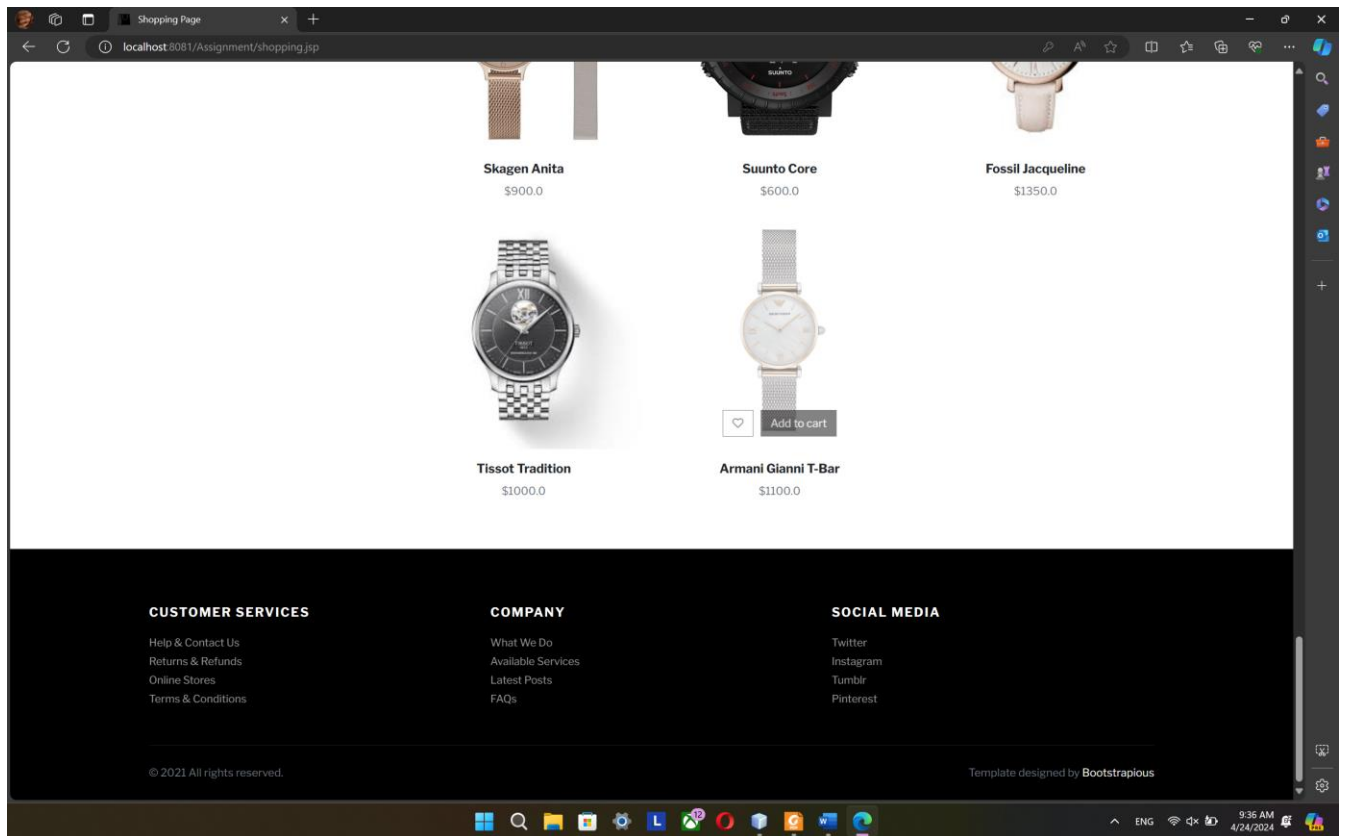
3. Home



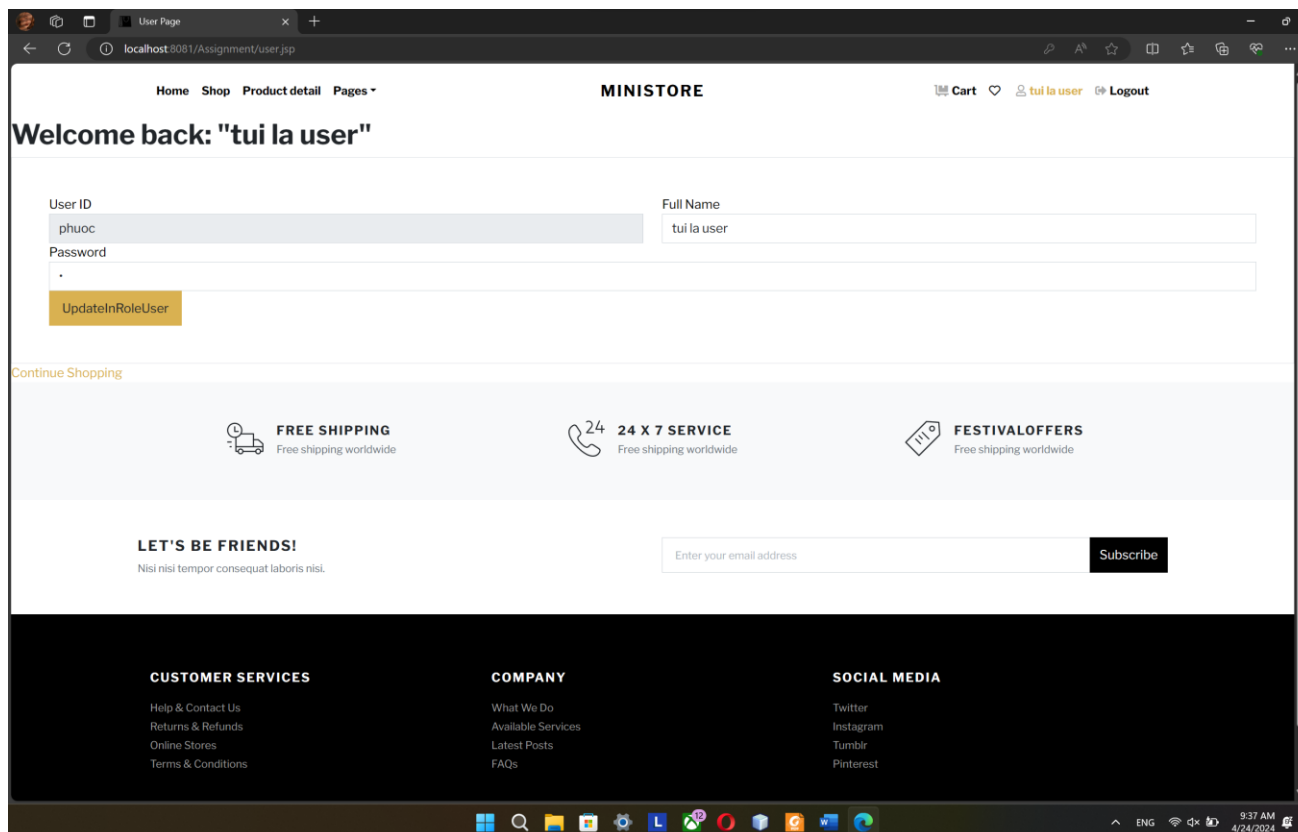


4. Shopping Page

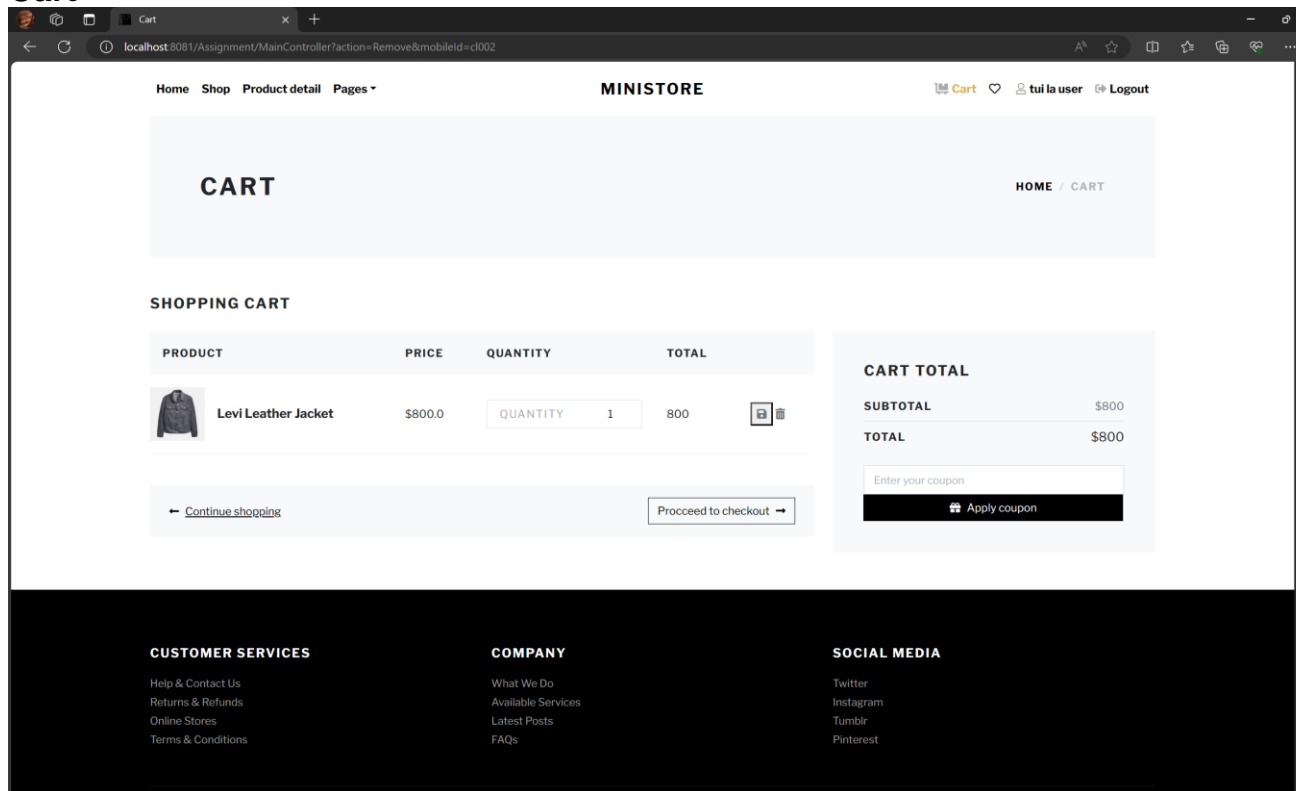




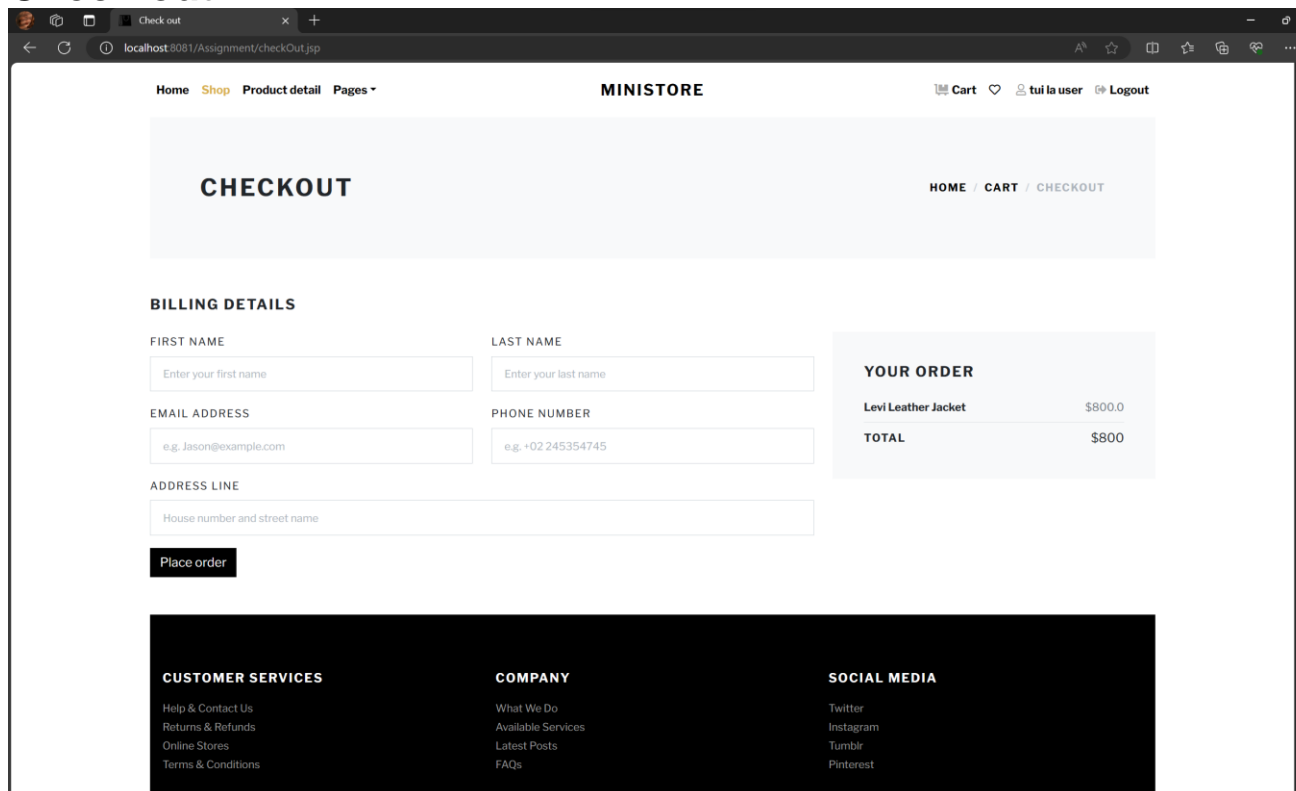
5. Account update and information



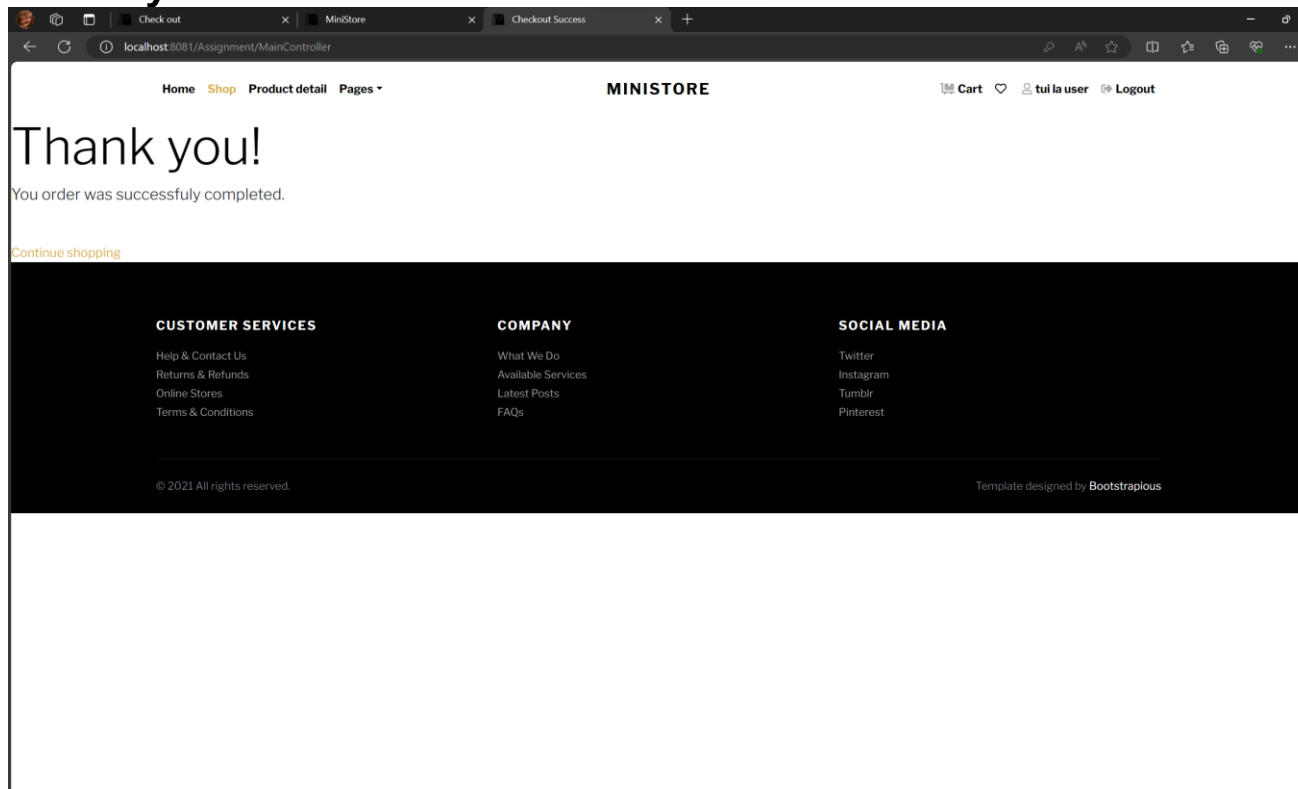
6. Cart



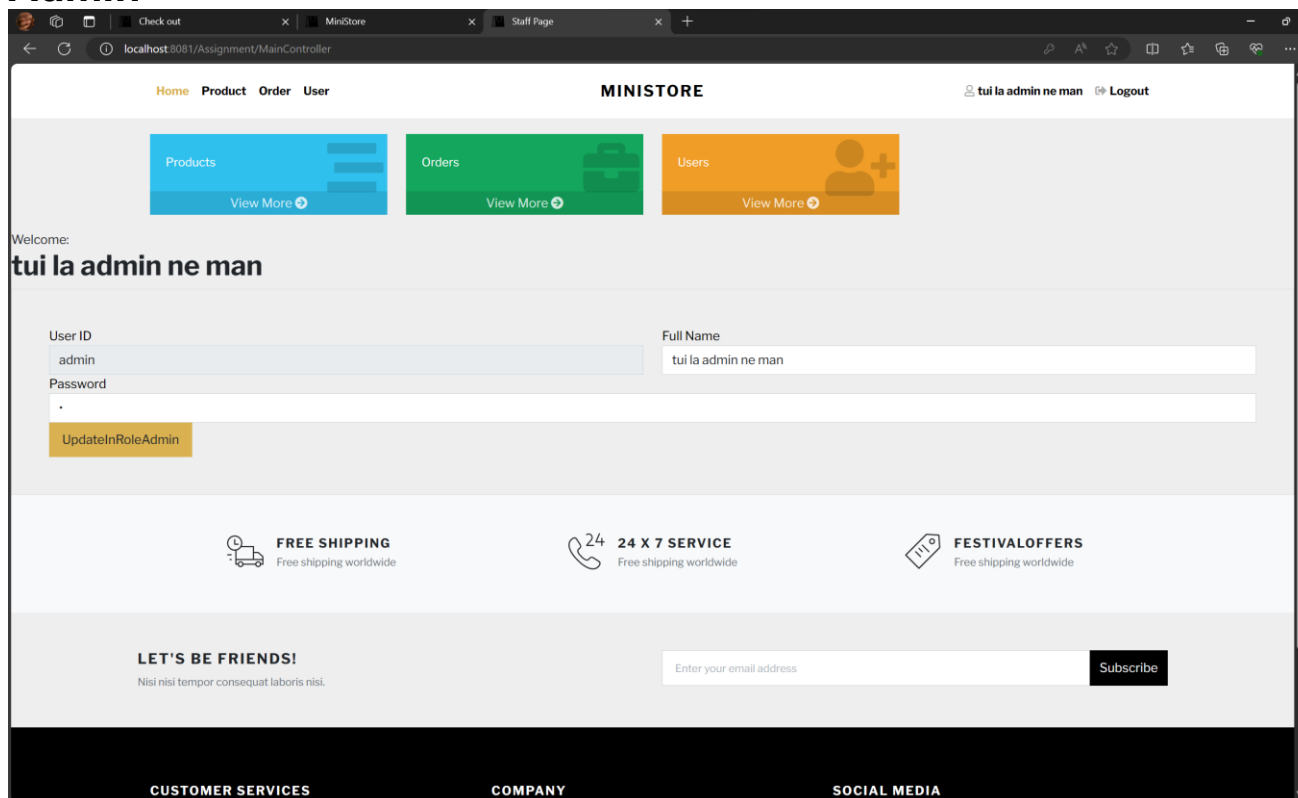
7. Check out



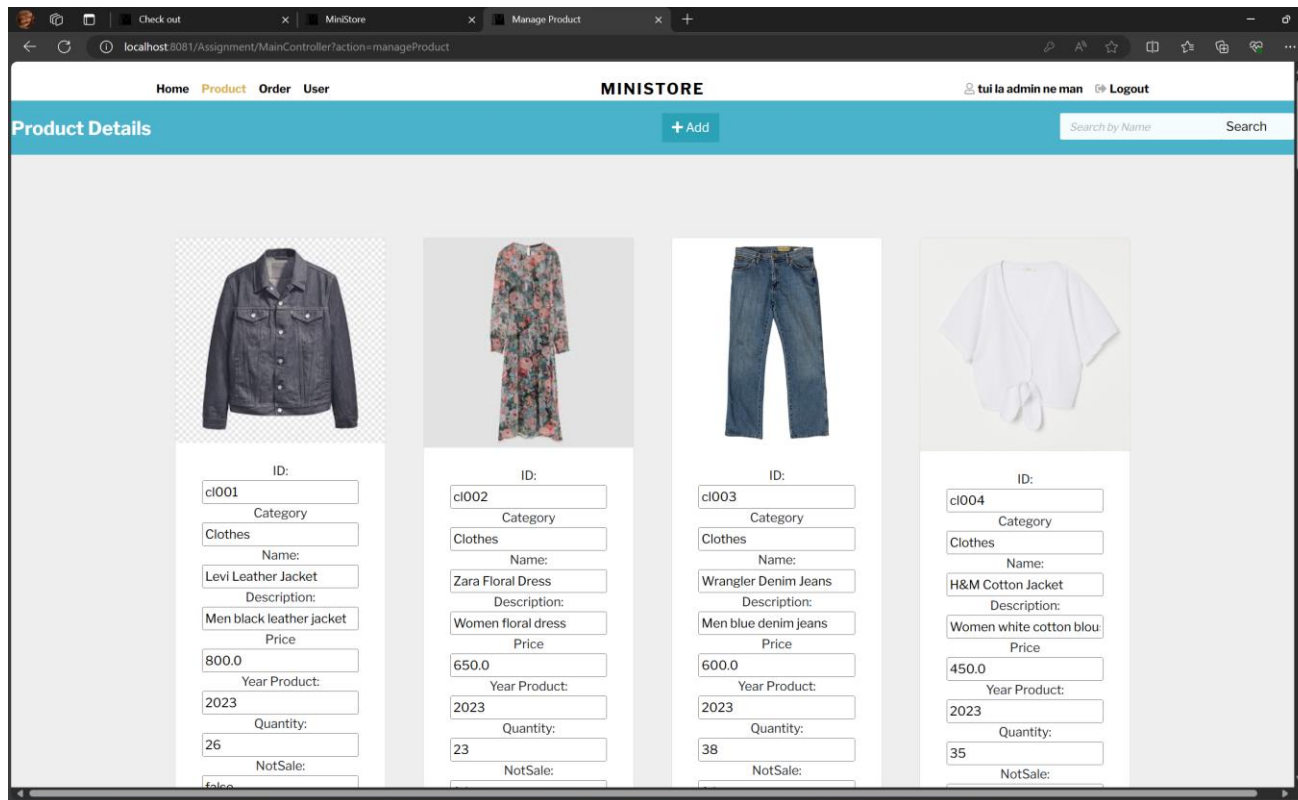
8. Thank you



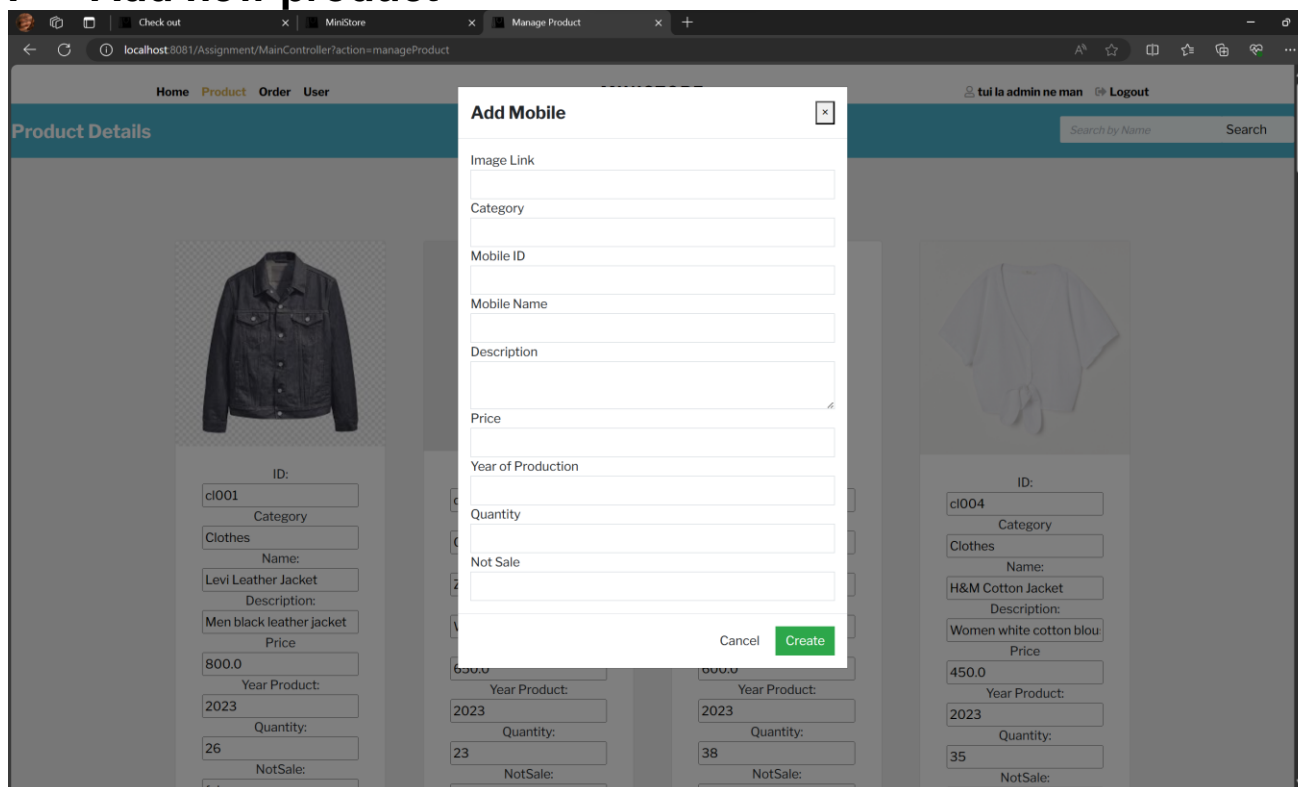
9. Admin



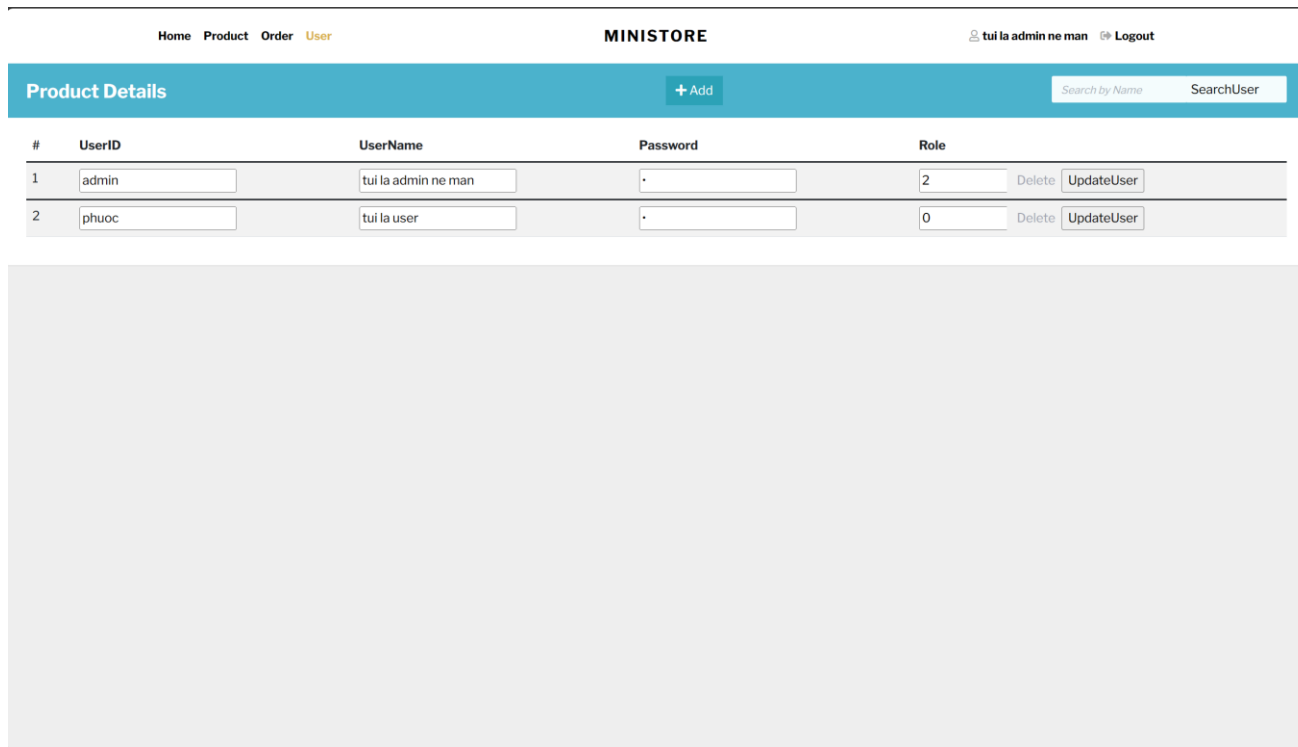
10. Manage Product



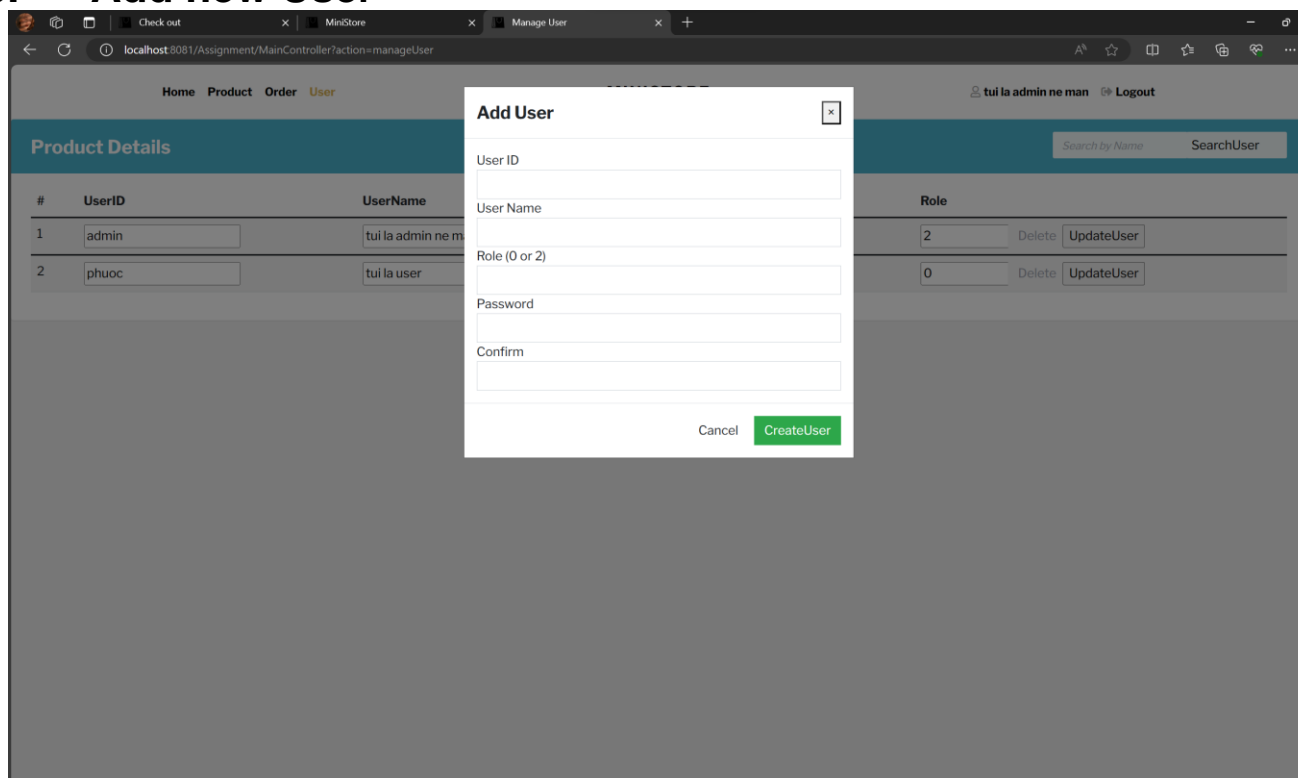
11. Add new product



12. Manage User



13. Add new User



14. Manage Order

Check out

MiniStore

Manage Order

localhost:8081/Assignment/MainController?action=manageOrder

HomeProductOrderUser

MINISTORE

tui la admin ne manLogout

Product Details

Search by IDSearchOrder

OrderId	UserID	FullName	PhoneNumber	Address	Email
1	phuoc	truong phuoc	0901308975	23123131 lo e	truongphuoc098@gmail.com
2	phuoc	truong phuoc	0901308975	23123131 lo e	truongphuoc098@gmail.com
3	phuoc	truong phuoc	0901308975	23123131 lo e	truongphuoc098@gmail.com
4	phuoc	truong phuoc	0901308975	23123131 lo e	truongphuoc098@gmail.com
5	phuoc	truong phuoc	0901308975	23123131 lo e	truongphuoc098@gmail.com
6	phuoc	truong phuoc	0901308975	23123131 lo e	truongphuoc098@gmail.com

