

## Link to Presentation video:

[https://drive.google.com/file/d/1\\_TvhYpnH709q98\\_mZETDqJaZlnooaieC/view?usp=sharing](https://drive.google.com/file/d/1_TvhYpnH709q98_mZETDqJaZlnooaieC/view?usp=sharing)

## Layout pages for User:

Login

UserName:

Password:

Login

[Create account](#)

Register

FirstName:

LastName:

Email:

Password:

Register

HomePage

HomeProfileOrdersCartLogout

Add to cart

Add to cart

Add to cart

Add to cart

Profile page

HomeProfileOrdersCartLogout

Name

Phn number

Address

Email id

Password

Orders page

HomeProfileOrdersCartLogout

Cart page

HomeProfileOrdersCartLogout

Place Order

## Login page:

- **Purpose:** Authenticate users by verifying their username and password.
- **Functionality:**
  - Inputs: Username and password.
  - If credentials are valid, redirects to the home page.
  - If invalid, displays an error message.

### **Signup Page**

- **Purpose:** Allow new users to register.
- **Functionality:**
  - Inputs: First name, last name, email, phone number, address, and password.
  - Checks for unique email and phone number before registering the user.
- **Database Interaction:** Inserts new user details into the Users table.

### **Home Page**

- **Purpose:** Display available products for purchase.
- **Functionality:**
  - Grid layout to showcase product details (name, price, image).
  - Add to cart button for each product.
  - Navbar for navigation to other pages.
- **Database Interaction:** Fetches product details from the Products table.

### **Cart Page**

- **Purpose:** Allow users to view and manage items in their cart.
- **Functionality:**
  - Displays a list of products added to the cart.
  - Shows the total price.
  - Option to place an order.
- **Database Interaction:**
  - Fetches cart details for the logged-in user from the Orders table.
  - Updates the Orders table upon order placement.

### **Order History Page**

- **Purpose:** Display past orders placed by the user.
- **Functionality:**
  - Shows order details such as product name, price, status, and timestamp.
- **Database Interaction:** Fetches order details for the logged-in user from the Orders table.

### **Profile Page**

- **Purpose:** Allow users to view and update their profile.
- **Functionality:**
  - Displays user details such as name, email, phone number, and address.
  - Edit mode to update profile information.

- **Database Interaction:**

- Fetches user details from the Users table.
- Updates the Users table with new details upon save.

## Layout pages for Admin:

The wireframes show the layout for five admin pages:

- Admin Login:** A form with fields for 'UserName:' and 'Password:', and a 'Login' button.
- Admin HomePage:** A page with a header containing 'Home' and 'Logout' links. The main content area has two buttons: 'Add Products' and 'Update Order status'.
- Logout Page:** A confirmation dialog box asking 'Are you sure?' with a subtext 'Some helpful info here' and 'No'/'Yes' buttons.
- Add Products page:** A page with a header containing 'Home', 'Add Products' (active), and 'Logout' links. The main content area has fields for 'Product name:', 'Price:', and 'Image:', followed by an 'Add Product' button.
- Update status page:** A page with a header containing 'Home', 'Update Status' (active), and 'Logout' links. The main content area displays a list of items (represented by horizontal bars) and a 'Shipped' status dropdown menu.

## Admin Login Page

- **Purpose:** Authenticate admins by verifying their username and password.
- **Functionality:**
  - Inputs: Username and password.
  - Redirects to the admin dashboard upon successful login.
- **Database Interaction:** Queries the Admins table to validate credentials.

## **Admin Dashboard**

- **Purpose:** Central hub for admin activities.
- **Functionality:**
  - Provides navigation to add products and update order status pages.

## **Add Products Page**

- **Purpose:** Allow admins to add new products.
- **Functionality:**
  - Inputs: Product name, price, and image path.
  - Adds the new product to the inventory.
- **Database Interaction:** Inserts new product details into the Products table.

## **Update Order Status Page**

**Purpose:** Allow admins to view and update the status of orders.

**Functionality:**

- Displays a table of orders with details (order ID, user ID, product name, price, status, and timestamp).
- Dropdown to update the status of each order.

**Database Interaction:**

- Fetches order details from the Orders table.
- Updates the Orders table with the new status.

# **Database Design**

## **Tables and Attributes:**

### **1.Users Table**

Purpose: Store user details.

Columns:

- UserId (Primary Key, INT, Auto Increment)
- FirstName (VARCHAR(50))
- LastName (VARCHAR(50))
- Email (VARCHAR(100), UNIQUE)
- PhoneNumber (VARCHAR(15), UNIQUE)
- Address (VARCHAR(255))
- Password (VARCHAR(50))

## **2.Admins Table**

Purpose: Store admin credentials.

Columns:

- AdminId (Primary Key, INT, Auto Increment)
- Username (VARCHAR(50), UNIQUE)
- Password (VARCHAR(50))

## **3.Products Table**

Purpose: Store product details.

Columns:

- ProductId (Primary Key, INT, Auto Increment)
- Name (VARCHAR(100))
- Price (DECIMAL(10, 2))
- ImagePath (VARCHAR(255))

## **4.Orders Table**

Purpose: Store order details.

Columns:

- OrderId (Primary Key, INT, Auto Increment)
- UserId (Foreign Key -> Users.UserId)
- ProductId (Foreign Key -> Products.ProductId)
- Status (ENUM: Pending, Shipped, Delivered)
- Timestamp (DATETIME)

## **5.Cart Table**

Purpose: Temporarily store items added to the cart by users.

Columns:

- CartId (Primary Key, INT, Auto Increment)
- UserId (Foreign Key -> Users.UserId)
- ProductId (Foreign Key -> Products.ProductId)
- Quantity (INT, Default: 1)
- AddedTimestamp (DATETIME)

## **Plan for Simultaneous Users:**

Multiple users can be logged in simultaneously. Upon successful login, a session variable (uid) is set for each user. This session variable determines the content loaded on subsequent pages based on the logged-in user's identity.

## Timetable for Development:

Feature	Estimated Time
Login/Signup Pages	2 Hour
Home Page (User)	2 Hour
Profile Management	1 Hour
Order History	1 Hour
Cart Page	3 Hour
Admin Dashboard	2 Hour
Add Products Page	2 Hour
Update Order Status Page	2 Hour
Database Design and Setup	1 Hour