

Key Pages-

Login Page-

Pages with login options for administrators and common users. requests the username and password; if the combination is found in the database, the servlet returns the userId, which JavaScript then assigns to the session variable. After that, if the user is an admin, they are sent to the admin page.

Products Page-

Requests Server for a list of products present in the database. Displays all the product details such as product name, product style, product size, and product color. For each of the product, there is an option to add the product to the cart.

Profile Products Admin Login Login Logout

Product List

Product 1

Add to Cart

Product 2

Add to Cart

Product 3

Add to Cart

Continue to Order

Shopping Cart-

Gets all the products from the cart and displays each product as a list. There is an button at the bottom for placing an order which when pressed displays the Order placed status and Order Number.

ProfileProductsAdmin LoginLoginLogout

Shopping Cart

Item 1

Item 2

Item 3

Place Order

Order Summary Page-

Sends server all the products in the cart to be added to the ORDER_DETAIL table. Also, Displays the summary of the order with products orders.

ProfileProductsAdmin LoginLoginLogout

Order Status

Order Summary

Profile Page-

Requests info from the database about the user. Displays college name and email. Also, option to update/edit any of these fields.

Profile Products Admin Login Login Logout

Edit Profile

Profile

College Name

Email

Database Design

1. USER Table:

- `userId` (Primary Key)
- `username`
- `collegeName`
- `password`
- `email`
- `role` (e.g., admin, college_rep)

2. PRODUCTS Table:

- `productId` (Primary Key)
- `name`
- `style`
- `color`
- `size`
- `quantity`
- `price`

3. ORDER Table:

- `orderId` (Primary Key)
- `userId` (Foreign Key referencing User Table)
- `orderDate`
- `totalPrice`
- `paymentStatus`

4. ORDER_DETAIL Table:

- `order_detail_id` (Primary Key) or (odId for simplicity)
- `orderId` (Foreign Key referencing Order Table)
- `productId` (Foreign Key referencing Product Table)
- `productName`
- `productQuantity`

Final Estimated Time Requirements: -

HTML pages: 3 hour

Javascript pages: 5-7 hours

Java servlet: 3 hours