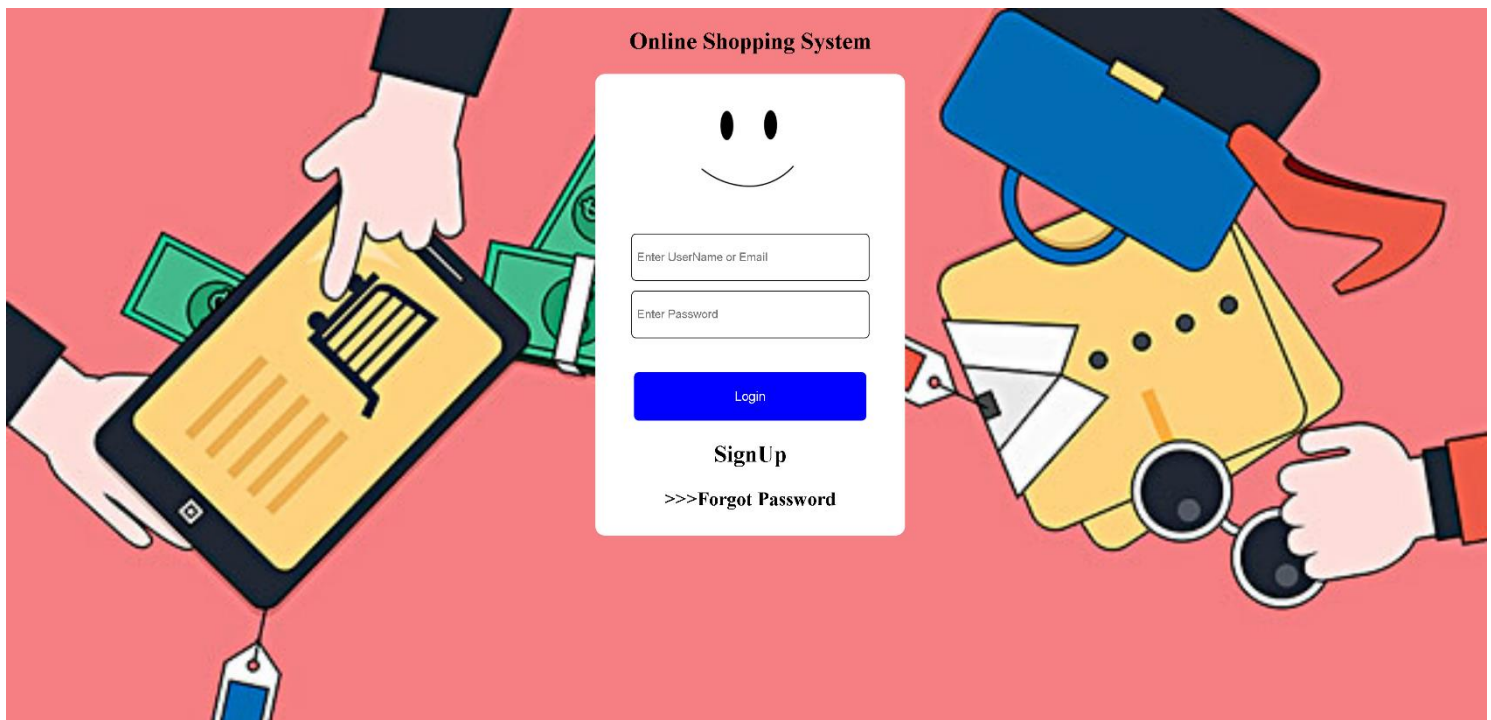


connecter.java: build connection between the server and MySQL.

create-tables.jsp: create table in MySQL.

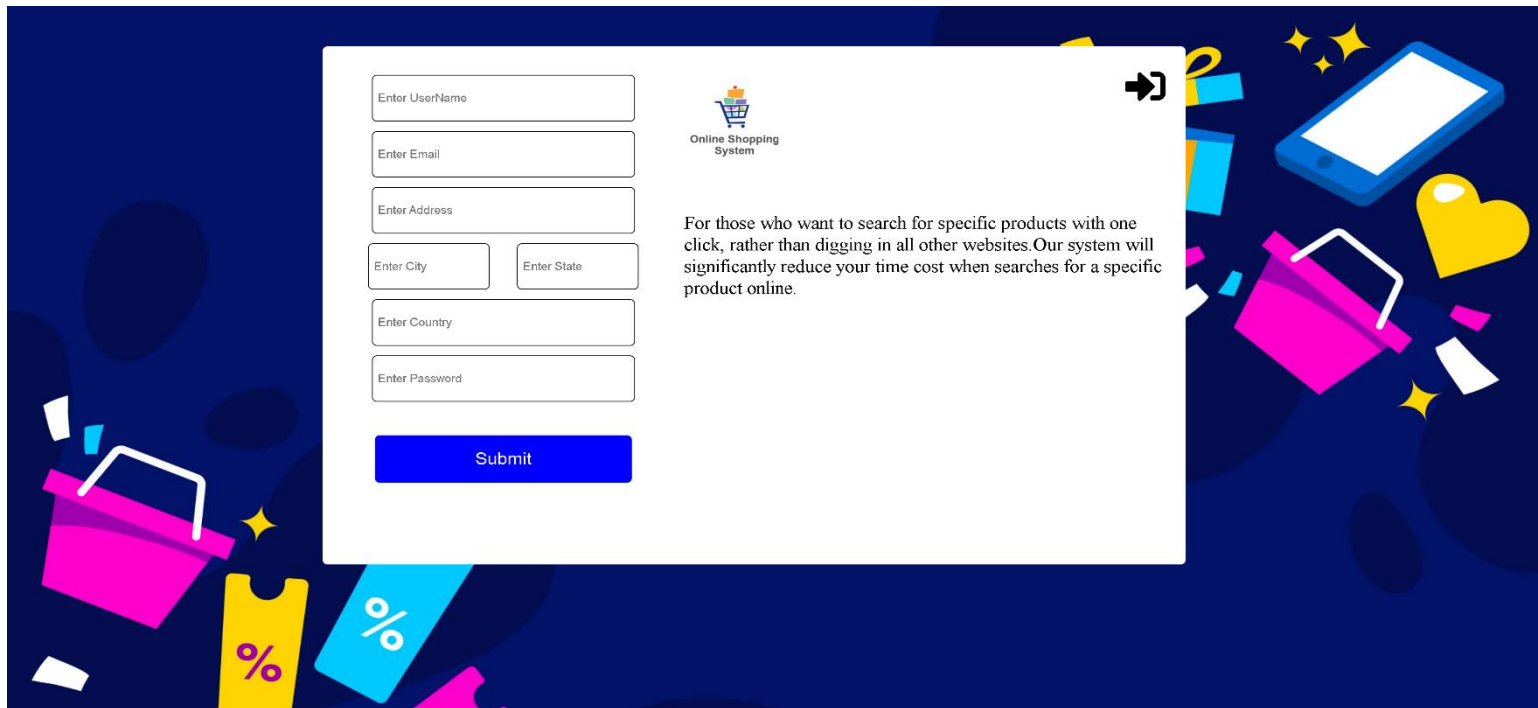
login.jsp, loginUpdate.jsp:

Form login page GUI, move to home page if user enters correct (Username or Email) and password



signup.jsp, signupUpdate.jsp:

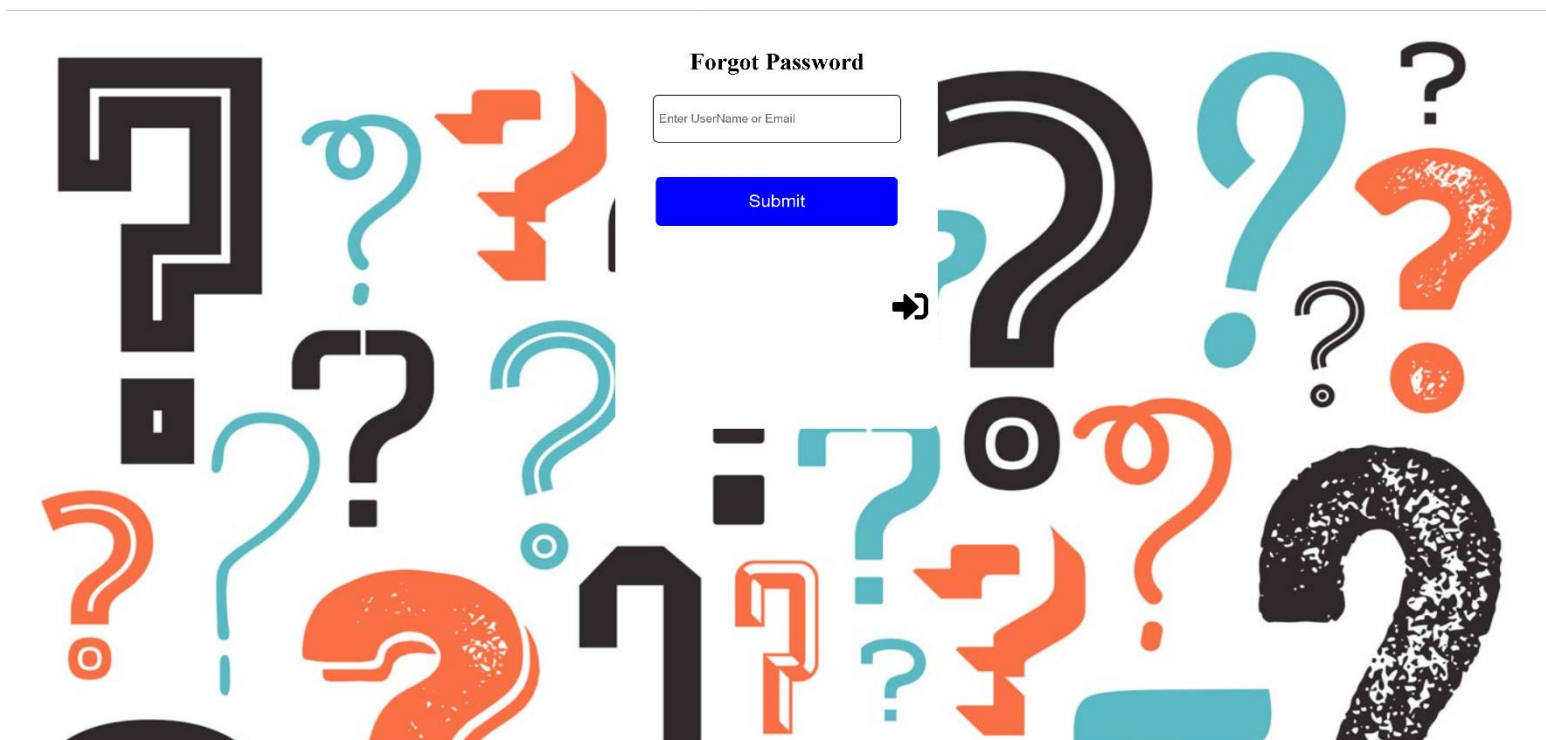
Form registration page GUI, the user can enter the registration here, the data entered by the user will be saved in the user table and used on the login page.



The registration form is displayed on a dark blue background decorated with colorful shopping-related icons like a shopping bag, a smartphone, a heart, and a percentage sign. The form itself is a white rectangle with a light blue border. It contains several input fields: 'Enter UserName', 'Enter Email', 'Enter Address', 'Enter City', 'Enter State', 'Enter Country', and 'Enter Password'. A blue 'Submit' button is located at the bottom left of the form. To the right of the form, there is a logo for 'Online Shopping System' featuring a shopping cart icon, and a paragraph of text: 'For those who want to search for specific products with one click, rather than digging in all other websites. Our system will significantly reduce your time cost when searches for a specific product online.' A small right-pointing arrow icon is located at the top right of the form area.

forgotPassword.jsp, forgotPasswordUpdate.jsp:

Form forgot password page GUI; user can retrieve the password here as long as the entered username is correct.



The 'Forgot Password' form is centered on a background filled with various colored question marks in black, orange, and teal. The form is a white rectangle with a light blue border. It has a title 'Forgot Password' at the top center. Below the title is a single input field labeled 'Enter UserName or Email'. A blue 'Submit' button is positioned below the input field. A small right-pointing arrow icon is located to the right of the input field.

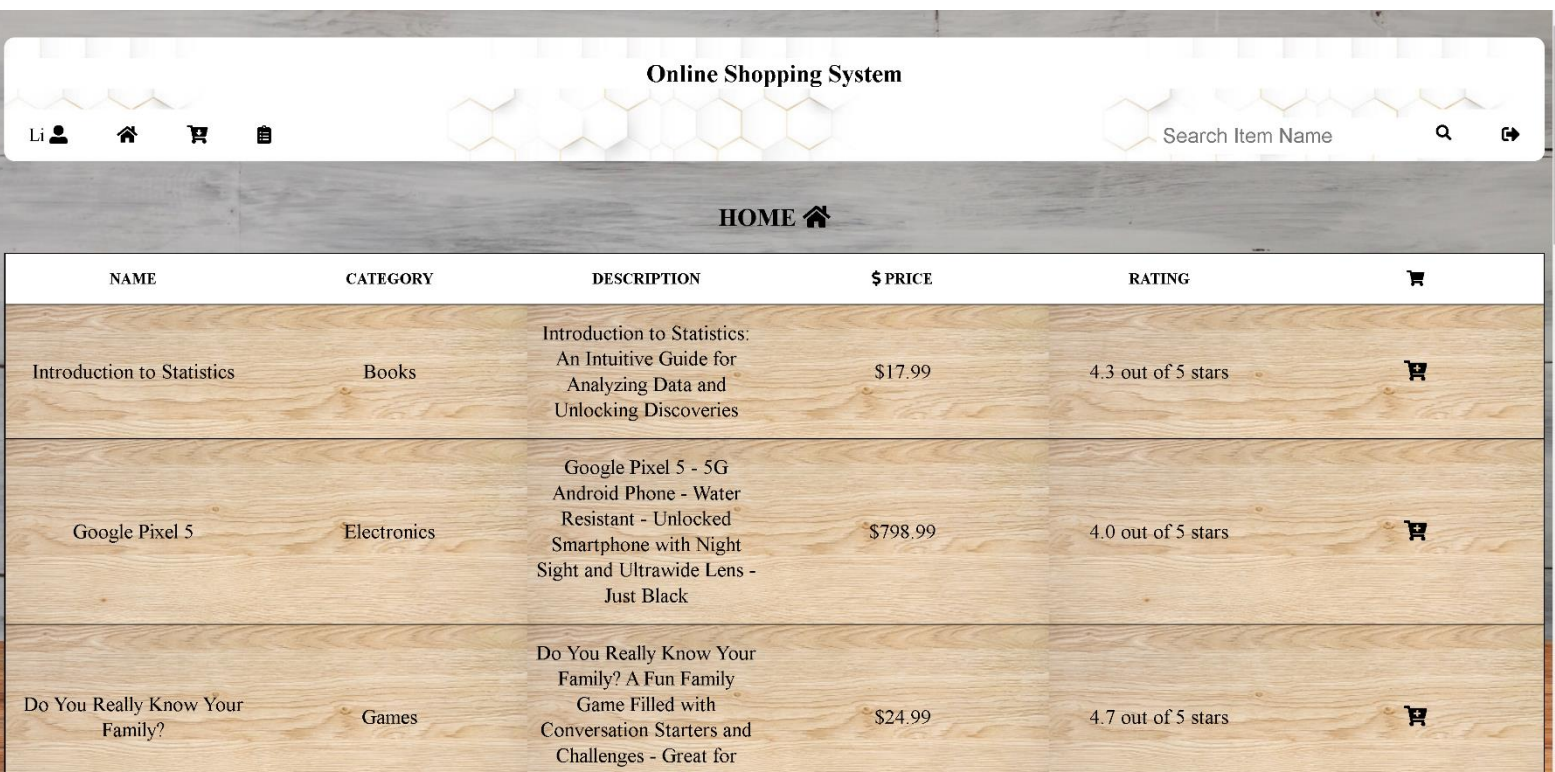
pageNavigation.jsp:

Included on other pages to provide a consistent set of navigational elements: user profile (also display user's Username), home, cart, order, search, logout.










home.jsp:

form home page GUI, display product randomly from the product table. Includes page navigation.



search.jsp:

Form search page GUI, search the product name in the search bar, returns a table contains the product that its name or description contains words entered by the user.

Online Shopping System					
Li   					
google pixel  					
NAME	CATEGORY	DESCRIPTION	\$ PRICE	RATING	
Google Pixel 2 XL	Electronics	Google Pixel 2 XL (128GB, 4GB) 6.0 GSM+CDMA Unlocked (Verizon)	\$169.99	4.1 out of 5 stars	
Google Pixel 3	Electronics	Google Pixel 3 (128GB, 4GB) 5.5 P-OLED Display	\$229.00	4.0 out of 5 stars	
Google Pixel 3	Electronics	Google Pixel 3 64GB Memory Cell Phone (Unlocked), Not Pink, w/Charging Stand, Wired Earbuds and Google Charger - Bundle Set	\$229.95	4.0 out of 5 stars	
Google Pixel 3	Electronics	Google Pixel 3 Unlocked Smartphone - 64GB Memory Cell Phone, Just	\$225.00	4.5 out of 5 stars	

cart.jsp, cartUpdate.jsp:

Form cart page GUI. Each time you click the shopping cart icon in the last column of the product, if a product with the same username already exists in the table, it will update the order table, add the product price to the sum and increase the product quantity and count by 1. Else Insert the product id and username for the new product into orders table.

quantityUpdate.jsp

when increase or decrease the quantity of product, the order table will be updated and subtotal and product count will also be updated to the correct vale.

removeUpdate.jsp

If the delete icon is clicked, the selected row will be deleted from the order table (match the username) and cart page.

If the Remove All button is clicked, all the products in the order table (match the username) and cart page with be deleted.

Online Shopping System

Li

Search Item Name

CART

CHECK OUT

NAME	CATEGORY	DESCRIPTION	PRICE	QUANTITY	TOTAL	
Apple iPhone 12 Mini	Electronics	Apple iPhone 12 Mini, 128GB, Blue - Cricket Wireless (Renewed)	\$589.97	2	\$1179.94	
COUNT: 2					SUB TOTAL: \$1179.94	REMOVE ALL

CHECK OUT

localhost:8080/AL_shoppingSystem/profile.jsp

checkout.jsp, checkoutUpdate.jsp

Display checkout page when checkout button is clicked. Shows the order detail, user can edit the delivery address and confirmation email. The payment will default set to card, when submit button is clicked the order will be given a random order ID and inserted into the receipt table.

Online Shopping System

Search Item Name

CHECK OUT

Oder

NAME	CATEGORY	DESCRIPTION	PRICE	QUANTITY	TOTAL
Apple iPhone 12 Mini	Electronics	Apple iPhone 12 Mini, 128GB, Blue - Cricket Wireless (Renewed)	\$589.97	2	\$1179.94
COUNT: 2					SUB TOTAL: \$1179.94

Delivery Address

Address: 1234 Test DR

City: Mckinney

State: TX

Zip Code: 75070

EDIT ADDRESS

Email

Email: test@gmail.com

EDIT EMAIL

CheckOut

CardNumbers: 1234-5678-9000

ExpiryDate: mm/dd/yyyy

CVC: 123

SUBMIT

orders.jsp

Form orders page GUI, display the orders within receipt table (match username) with placed time and estimated delivery day of the order.

cancelUpdate.jsp

delete order from the receipt table (match username) and orders page

Online Shopping System			
Li			Search Item Name
ORDERS			
ORDER ID	ORDER PLACED	ESTIMATED DELIVERY DAY	CANCEL ORDER
52332	2021-11-18 21:30:34	2021-11-23	
85767	2021-11-21 19:17:22	2021-11-26	

order.jsp

Display detail of selected order

Online Shopping System					
Li				Search Item Name	
ORDER DETAIL					
Oder					
NAME	CATEGORY	DESCRIPTION	PRICE	QUANTITY	TOTAL
Apple iPhone XS	Electronics	(Renewed) Apple iPhone XS, US Version, 64GB, Space Gray - Unlocked	\$352.00	2	\$704.0
Apple iPhone XS	Electronics	(Refurbished) Apple iPhone XS, US Version, 64GB, Silver - Unlocked	\$358.99	1	\$358.99
Google Pixel 3	Electronics	Google Pixel 3 Unlocked Smartphone - 64GB Memory Cell Phone, Just Black, w/Charging Stand,	\$225.00	1	\$225.0

profile.jsp

Form profile page GUI, display user information.

Online Shopping System

Li

Search Item Name

PROFILE

Name:	Li
Email:	test@gmail.com
Password:	2628
Street Address:	1234 Test DR
City:	Mckinney
State:	TX
Zip Code:	75070

[EDIT PASSWORD](#)

[EDIT ADDRESS](#)

[EDIT EMAIL](#)

editUpdate.jsp, editemail.jsp, editpassword.jsp, editaddress.jsp

Form edits page GUI. Allow user to update the address, email, and password, all the update will the record in the database and display in the profile page.

Online Shopping System

Li

Search Item Name

Edit Password

Password:

[Submit](#)

Online Shopping System

Li

Search Item Name

Edit Address

Address:	<input type="text" value="Enter Street Address"/>
City:	<input type="text" value="Enter City"/>
State:	<input type="text" value="Enter State"/>
Zip Code:	<input type="text" value="Enter Zip Code"/>

[Submit](#)

The screenshot shows a web page titled "Online Shopping System". The header features a navigation bar with icons for a user profile, home, shopping cart, and a list. A search bar on the right is labeled "Search Item Name" with a magnifying glass icon. The main content area displays a form titled "Edit Email" with a user icon. The form includes a label "Email:" followed by a text input field containing the placeholder "Enter Email". A "Submit" button is located at the bottom right of the form.

logout.jsp:

clears any object that is bound to it and marks it as invalid, and redirect to login page.