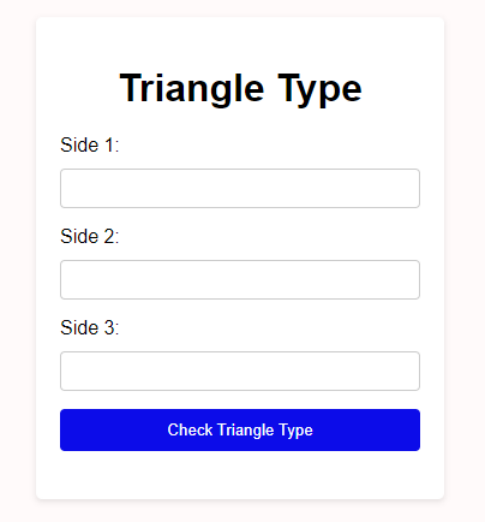
Laiba bint-e tahir
FA21-BSE-019

1.5 Exercises: Make test cases for a triangle that can differentiate between isosceles, equilateral, and scalene types based on side length as input and state if their verdict is true/false. Make assumptions for the actual outcome.



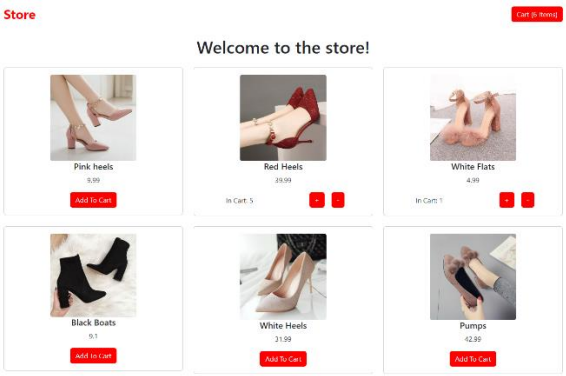
Test Case	Description	Input Data	Expected Result	Actual	Status
1	Equilateral Triangle Test	(5, 5, 5)	Equilateral triangle	Equilateral triangle	pass
2	Isosceles Triangle Test	(5, 5, 6)	Isosceles triangle	Isosceles triangle	pass
3	Scalene Triangle Test	(3, 4, 5)	Scalene triangle	It's a scalene triangle.	pass
4	Invalid Triangle Test	(1, 2, 4)	Not a triangle	Not a valid triangle	pass
5	Invalid Side Lengths Test	(0, 5, 6)	Invalid side lengths	Not a valid triangle	pass
7	Boundary Test	(1, 1, 2)	Not a triangle	Not a valid triangle	pass

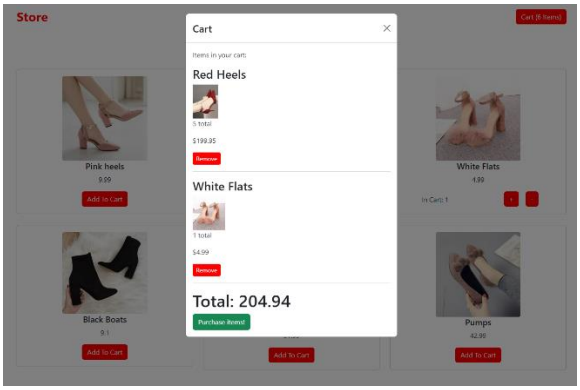
Examples

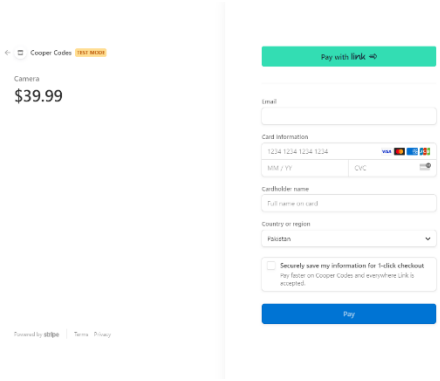
01.

E-commerce website in which users can add items to a cart.
The tests UI's are in my repo : https://github.com/laibabintatahir/shopping-Cart-React-and-Stripe

Laiba bint-e tahir
FA21-BSE-019





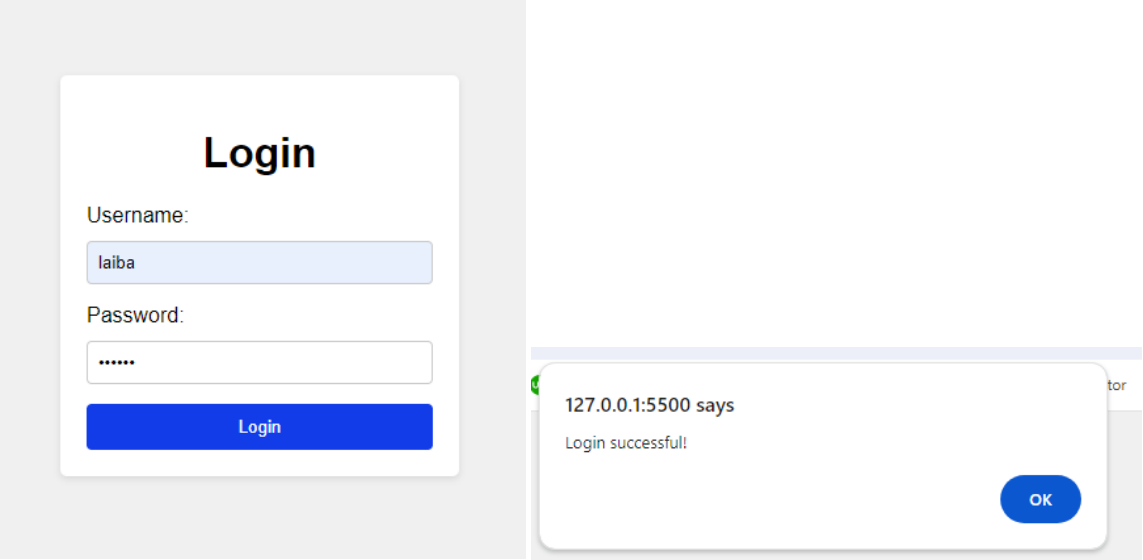


Test Case	Description	Input Data	Expected Result	Actual Result	Status
Tc_1	Add a single item to the cart.	Red heels	Item should appear in the cart with quantity 1.	Red heels are added in the cart	pass
Tc_2	Add multiple items of the same type to the cart.	Added 5 red heels	The cart should show the correct quantity for the item.	Cart showed the 5 red heels	pass
Tc_3	Remove a single item from the cart.	Removed the white heels from cart	Heels should be successfully removed from the cart.	Removed successfully	pass
Tc_4	Remove all items from the cart.	Remove all items	The cart should be empty.	Cart is empty	pass
Tc_7	Proceed to checkout with items in the cart.	Clicked purchase items	Users should be directed to the checkout process.	Checkout page displayed	pass

Laiba bint-e tahir
FA21-BSE-019

02.

Login Page: We can assume a login application like Gmail. Test Case 1: Verify that the application allows users to input their username and password. Test Case 2: Verify that the application correctly validates the correct credentials. Test Case 3: Verify that the application displays an error message when the incorrect credentials are entered.



Test Case	Description	Input Data	Expected Result	Actual	Status
Tc_1	Allowing input of username and password	Username: user1, Password: 123456	Username and password fields are present and editable	Username and password fields are present and editable	pass
Tc_2	Correct validation of credentials	Username: laiba, Password: 123456,	Redirects to user's account page	Login successful	pass
Tc_3	Displaying error message for incorrect credentials	Username: invalid_user, Password: invalid_password	Displays an error message indicating invalid credentials	Incorrect username or password.	pass