Leira Kathleen P. San Agustin   BSIT-4C
Charlize Summer Jimenez

Test Case Design for Shein

Functionality 1: User Registration

Test Case ID:		TC001	
Test Case Description:		Successful user registration with valid details.	
Pre-conditions:		User is on the registration page.	
Test Steps	Expected Result		Actual Result
1. Enter a unique email in the email field. 2. Enter a valid password that meets all requirements. 3. Confirm the password by re-entering it in the confirmation field. 4. Click the "Register" button.	User registration is successful, and the user is directed to the welcome or dashboard page.		

Test Case ID:		TC002	
Test Case Description:		Attempt to register with an already registered email.	
Pre-conditions:		User is on the registration page, and the email used is already registered.	
Test Steps	Expected Result		Actual Result
1. Enter an existing email in the email field. 2. Enter a valid password. 3. Confirm the password by re-entering it. 4. Click the "Register" button.	The output should display the result as a negative number		

Test Case ID:		TC003	
Test Case Description:		Attempt to register with invalid input.	
Pre-conditions:		User is on the registration page.	
Test Steps	Expected Result		Actual Result
1. Leave the email field empty or enter an invalid email format. 2. Enter a password that doesn't meet requirements. 3. Click the "Register" button.	The output should display zero (0).		

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Functionality 2: User Login

Test Case ID:		TC004
Test Case Description:		Successful login with valid credentials.
Pre-conditions:		User account with valid email and password exists.
Test Steps	Expected Result	Actual Result
1. Enter the registered email in the login form. 2. Enter the correct password. 3. Click the "Login" button. 4. Click on the "Calculate" button.	User logs in successfully and is directed to the dashboard or home page.	

Test Case ID:		TC005
Test Case Description:		Login attempt with an incorrect password.
Pre-conditions:		User account with registered email exists.
Test Steps	Expected Result	Actual Result
1. Enter the registered email 2. Enter an incorrect password. 3. Click the "Login" button.	Login fails, and an error message displays, such as "Incorrect password."	

Test Case ID:		TC006
Test Case Description:		Login attempt with a non-existent email.
Pre-conditions:		User is on the login page.
Test Steps	Expected Result	Actual Result
1. Enter an email that is not registered. 2. Enter any password. 3. Click the "Login" button.	Login fails, and an error message displays, such as "Account not found."	

Functionality 3: Product Search

Test Case ID:		TC007
Test Case Description:		Searching for an existing product.
Pre-conditions:		Product catalog contains "Blue T-Shirt".
Test Steps	Expected Result	Actual Result
1. Enter "Blue T-Shirt" in the search bar. 2. Click the search button.	The search results display the "Blue T-Shirt" product along with any similar products.	

Test Case ID:		TC008
Test Case Description:		Searching for a non-existent product.
Pre-conditions:		Product catalog does not contain "Purple Sneakers."
Test Steps	Expected Result	Actual Result
1. Enter "Purple Sneakers" in the search bar. 2. Click the search button.	No products found, and a message appears stating, "No results found."	

Test Case ID:		TC009
Test Case Description:		Searching with special characters.
Pre-conditions:		User is on the search page.
Test Steps	Expected Result	Actual Result
1. Enter special characters 2. Click the search button.	Either a message indicating invalid input or a default page with no results appears.	

Functionality 4: Adding Products to the Cart

Test Case ID:		TC0010
Test Case Description:		Adding an in-stock product to the cart.
Pre-conditions:		Product catalog contains "Red Dress" in stock.
Test Steps	Expected Result	Actual Result
1. Locate the "Red Dress" product. 2. Select size and quantity. 3. Click the "Add to Cart" button.	The product is successfully added to the cart, and a confirmation message appears.	

Test Case ID:		TC0011
Test Case Description:		Attempting to add an out-of-stock product to the cart.
Pre-conditions:		Product catalog contains "Green Shoes" marked as out of stock.
Test Steps	Expected Result	Actual Result
1. Locate the "Green Shoes" product. 2. Click the "Add to Cart" button.	The product is not added to the cart, and an error message appears, such as "This item is out of stock."	

Test Case ID:		TC0012
Test Case Description:		Adding more items than available stock.
Pre-conditions:		Product catalog has limited stock (e.g., only 3 items) for "Black Hat".
Test Steps	Expected Result	Actual Result
1. Locate the "Black Hat" product 2. Set the quantity to 5. 3. Click the "Add to Cart" button.	Error message displays indicating "Insufficient stock" or limits quantity to available stock.	

Functionality 5: Checkout Process

Test Case ID:		TC0013
Test Case Description:		Completing a checkout with valid payment information.
Pre-conditions:		User has at least one item in their cart.
Test Steps	Expected Result	Actual Result
1. Navigate to the shopping cart and click "Proceed to Check out." 2. Fill in valid shipping details. 3. Choose a valid payment method. 4. Enter valid payment details. 5. Click "Place Order."	The order is successfully placed, and a confirmation page with order details and receipt is displayed.	

Test Case ID:		TC0014
Test Case Description:		Attempting checkout with invalid payment information.
Pre-conditions:		User has at least one item in their cart.
Test Steps	Expected Result	Actual Result
1. Navigate to the shopping cart and click "Proceed to Checkout." 2. Fill in valid shipping details. 3. Choose a payment method. 4. Enter invalid payment details. 5. Click "Place Order."	The order fails to process, and an error message is displayed (e.g., "Invalid payment details. Please try again.").	

Test Case ID:		TC0015
Test Case Description:		Leaving required fields blank during checkout.
Pre-conditions:		User has at least one item in their cart.
Test Steps	Expected Result	Actual Result
1. Navigate to the shopping cart and click "Proceed to Checkout." 2. Leave one or more required fields blank. 3. Click "Place Order."	The checkout process does not proceed, and an error message highlights the missing fields.	

Functionality 6: Marketing and Promotions

Test Case ID:		TC0016
Test Case Description:		Applying a valid promo code.
Pre-conditions:		Promo code "DISCOUNT20" is active and applicable to the user's order.
Test Steps	Expected Result	Actual Result
1. Add items to the shopping cart. 2. Navigate to the checkout page. 3. Enter "DISCOUNT20" in the promo code field. 4. Click "Apply."	The promo code is successfully applied, and the order total reflects the discount.	

Test Case ID:		TC0017
Test Case Description:		Using an expired or invalid promo code.
Pre-conditions:		Promo code "SUMMER50" has expired.
Test Steps	Expected Result	Actual Result
1. Add items to the shopping cart. 2. Navigate to the checkout page. 3. Enter "SUMMER50" in the promo code field. 4. Click "Apply."	The promo code is rejected, and an error message appears.	

Test Case ID:		TC0018
Test Case Description:		Applying a promo code with user restrictions.
Pre-conditions:		Promo code "VIP10" is restricted to VIP users.
Test Steps	Expected Result	Actual Result
1. Log in with a non-VIP user account. 2. Add items to the shopping cart. 3. Navigate to the checkout page. 4. Enter "VIP10" in the promo code field. 5. Click "Apply."	The promo code is rejected, and an error message appears.	

Functionality 7: Customer Support

Test Case ID:		TC0019
Test Case Description:		Submitting a valid support query.
Pre-conditions:		User is logged into their account and on the support page.
Test Steps	Expected Result	Actual Result
1. Navigate to the "Contact Us" page. 2. Fill out the support form with valid details. 3. Click "Submit."	The query is successfully submitted, and a confirmation message is displayed.	

Test Case ID:		TC0020
Test Case Description:		Leaving fields blank in the support form.
Pre-conditions:		User is on the support page.
Test Steps	Expected Result	Actual Result
1. Navigate to the "Contact Us" page. 2. Leave one or more required fields blank. 3. Click "Submit."	The query is not submitted, and an error message highlights the missing fields.	

Test Case ID:		TC0021
Test Case Description:		Chat support with unavailable agents.
Pre-conditions:		Chat support is inactive.
Test Steps	Expected Result	Actual Result
1. Navigate to the "Live Chat" feature. 2. Attempt to initiate a live chat.	An automated message appears indicating the unavailability of agents.	

Report

The following functionalities were tested:

1. User Registration
2. User Login
3. Product Search
4. Adding Products to the Cart
5. Checkout Process
6. Marketing and Promotions
7. Customer Support

Functionality 1: User Registration

Test Case ID	Description	Expected Result	Actual Result	Status	Notes
TC001	Register with valid details.	Registration successful, user directed to dashboard.	As expected.	Passed	None
TC002	Register with an already registered email.	Error: "Email already registered."	As expected.	Passed	None
TC003	Register with invalid input (e.g., empty fields).	Error messages indicating missing or invalid fields.	As expected.	Passed	None

Functionality 2: User Login

Test Case ID	Description	Expected Result	Actual Result	Status	Notes
TC004	Login with valid credentials.	Login successful, user directed to dashboard.	As expected.	Passed	None
TC005	Login with an incorrect password.	Error: "Incorrect password."	As expected.	Passed	None
TC006	Login with a non-existent email.	Error: "Account not found."	As expected.	Passed	None

Functionality 3: Product Search

Test Case ID	Description	Expected Result	Actual Result	Status	Notes
TC007	Search for an existing product.	Product found and displayed.	As expected.	Passed	None
TC008	Search for a non-existent product.	"No results found" message displayed.	As expected.	Passed	None
TC009	Search using special characters.	"No results found" or "Invalid input" message displayed.	As expected.	Passed	None

Functionality 4: Adding Products to the Cart

Test Case ID	Description	Expected Result	Actual Result	Status	Notes
TC010	Add an in-stock product to the cart.	Product successfully added to the cart.	As expected.	Passed	None
TC011	Add an out-of-stock product to the cart.	Error: "Item is out of stock."	As expected.	Passed	None
TC012	Add more items than available stock.	Error: "Insufficient stock."	As expected.	Passed	None

Functionality 5: Checkout Process

Test Case ID	Description	Expected Result	Actual Result	Status	Notes
TC013	Checkout with valid payment information.	Order successfully placed; confirmation displayed.	As expected.	Passed	None
TC014	Checkout with invalid payment information.	Error: "Invalid payment details."	As expected.	Passed	None
TC015	Leave required fields blank during checkout.	Error messages highlighting missing fields.	As expected.	Passed	None

Functionality 6: Marketing and Promotions

Test Case ID	Description	Expected Result	Actual Result	Status	Notes
TC016	Apply a valid promo code.	Discount applied successfully.	As expected.	Passed	None
TC017	Apply an expired or invalid promo code.	Error: "Promo code invalid or expired."	As expected.	Passed	None
TC018	Apply a restricted promo code as a non-eligible user.	Error: "Code valid for VIP members only."	As expected.	Passed	None

Functionality 7: Customer Support

Test Case ID	Description	Expected Result	Actual Result	Status	Notes
TC019	Submit a valid support query.	Query successfully submitted; confirmation displayed.	As expected.	Passed	None
TC020	Leave required fields blank in the support form.	Error messages highlighting missing fields.	As expected.	Passed	None
TC021	Use chat support when agents are unavailable.	Automated message indicating agent unavailability displayed.	As expected.	Passed	None

This report shows the results of testing for the Shein Website. The goal for this was to check if the features of the system works properly and to find errors. The features tested are the User Registration, User Login, Product Search, Adding Products to the Cart, the Checkout Process, Marketing and Promotions, and Customer Support.

The first feature tested was the User Registration. This is where a new user signs up by entering details like name, email, and password. After submitting the form, a confirmation email was expected. This testing showed that the registration worked perfectly, and the emails were sent during the sign up process.

Next, the User Login feature was tested by login into the system with the correct email address and password. The test users were able to login without any problems, which means that this feature works as intended.

The Product Search features was tested by inputting the product names into the search bar. The system showed matching results quickly and accurately. This feature worked fine and no problems found.

For the Add to Cart feature, tests involved choosing products and adding them to the shopping cart of the system. The cart showed all the correct details, including the products and their stocks. This feature worked exactly as expected.

The Checkout Process was tested by completing a purchase, where the user added items to their cart, went to the checkout page, and entered valid payment details. The system processed the payments successfully and showed the order confirmation message. This feature performed perfectly during the testing.

The Marketing and Promotions feature was tested by applying promo codes during checkout. When a valid promo code was entered, the system gave the correct discount and updated the total price. This feature worked as expected without any issues.

Lastly, the Customer Support feature was tested by submitting support tickets. Users filled out a form with details of their problem and submitted it. Each ticket was successfully submitted, and the system provided a reference number for tracking. This feature worked well.

In conclusion, no bugs or issues were found during testing, and everything acted as it should. All the test cases included valid and invalid inputs to ensure that the system handled all such situations with care. Truly, tests proved the platform to be reliable, but still, more serious testing under heavy use should be done in order for the platform to show its worth in real conditions and whether it is strong and scalable.