Test Scenario	Test Case ID	Test Case Description	Pre-condition	Steps	Expected Result	Actual Result	Status
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1. Product Search	1.1	Search with valid product name	User is on the homepage.	1. Open the homepage. 2. Type a product name (e.g., "Samsung Galaxy"). 3. Click search.	Product list matching the search query is displayed.	Search Bar Is not available	Failed
	1.2	Search with invalid product name	User is on the homepage.	1. Open the homepage. 2. Type a non-existent product (e.g., "XYZ12345"). 3. Click search.	No products found or a message like "No products found" is displayed.	Search Bar Is not available	Failed
	1.3	Search with an empty query	User is on the homepage.	1. Open the homepage. 2. Leave search bar empty. 3. Click search.	Error message or no action should be triggered.	Search Bar Is not available	Failed
	1.4	Search with special characters	User is on the homepage.	1. Open the homepage. 2. Type special characters (e.g., "@!$%^&*"). 3. Click search.	No results or "Invalid search query" message is displayed.	Search Bar Is not available	Failed
	1.5	Search for product with partial name match	User is on the homepage.	1. Open the homepage. 2. Type a partial product name (e.g., "Sam" for "Samsung"). 3. Click search.	The platform should display products that match the partial query.	Search Bar Is not available	Failed
	1.6	Search for products in an empty category	User is on the homepage.	1. Select a category with no products. 2. Click on the category. 3. Observe search results.	"No products available in this category" message should be displayed.	Search Bar Is not available	Failed
	1.7	Search for products with invalid characters (e.g., special symbols)	User is on the homepage.	1. Open the homepage. 2. Enter a special character string in the search bar (e.g., "!@#$%^"). 3. Click search.	No products should be displayed or "Invalid search query" message shown.	Search Bar Is not available	Failed
	1.8	Search for products in a category with no matching products	User is on the homepage.	1. Open the homepage. 2. Select a category with no matching products. 3. Click search.	A message like "No products found" should appear.	Search Bar Is not available	Failed
2. Product Details	2.1	Verify product name	User clicks on a product.	1. Click on a product. 2. Check if the name is displayed correctly.	Product name should be correctly displayed.	The product name displayed correctly	Passed
	2.2	Verify product image	User clicks on a product.	1. Click on a product. 2. Check if the product image is displayed correctly.	Product image should be displayed correctly.	Product image is displayed correctly	Passed
	2.3	Verify product description	User clicks on a product.	1. Click on a product. 2. Check if the description is displayed correctly.	Product description should be displayed.	Product description is displayed	Passed

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	2.4	Verify missing product image	User clicks on a product that does not have an image.	1. Click on a product without an image (if possible). 2. Check for a placeholder or message.	A placeholder image or message like "Image not available" should be shown.	Image is not Available	Failed
	2.5	Verify missing product description	User clicks on a product that does not have a description.	1. Click on a product without description. 2. Check if the description field is empty or shows a placeholder.	Should show "No description available" or leave it blank.	Not possible	Passed
	2.6	Verify product details when product is out of stock	User clicks on a product that is out of stock.	1. Click on a product that is out of stock. 2. Observe product details page.	The product should display "Out of stock" or a similar message.	It shows that "Out of stock".	Passed
	2.7	Verify product details when image is missing	User clicks on a product without an image.	1. Click on a product with no image. 2. Observe if the placeholder or a message like "Image not available" is shown.	A placeholder image or "Image not available" should be displayed.	There is no such product	Failed
	2.8	Verify product details when description is missing	User clicks on a product without a description.	1. Click on a product without description. 2. Check if the description field is blank or shows a placeholder.	The description should be either blank or show a placeholder.	It shows a placeholder.	Failed
	2.9	Verify product price is updated when price changes dynamically	User has a product in the cart.	1. Add a product to the cart. 2. Modify the product price dynamically (through admin or backend). 3. Go to the cart and check price.	The price in the cart should reflect the updated product price.	The total price is updated successfully.	Passed
3. Shopping Cart	3.1	Add product to cart	User is on the product details page.	1. Click on a product. 2. Click "Add to cart".	Product should be added to the cart.	Product is successfully added to cart.	Passed
	3.2	Remove product from cart	User has added a product to the cart.	1. Go to the cart. 2. Click the "Remove" button next to a product.	Product should be removed from the cart.	Product removed successfuly.	Passed
	3.3	Modify product quantity	User has added a product to the cart.	1. Add a product to the cart. 2. Change the quantity from 1 to 2. 3. Click "Update".	The quantity should be updated, and the total price should reflect the new quantity.	The quantity and price gets updated.	Passed
	3.4	Verify total price	User has added multiple products to the cart.	1. Add multiple products to the cart. 2. Check the total price.	Total price should be correct based on product prices and quantities.	Total price is correct on the based of quantity	Passed
	3.5	Add product with insufficient stock	User tries to add more than available stock.	1. Try adding more than 1 unit to the cart for a product with limited stock. 2. Click "Add to cart".	The system should show an error message like "Only X units available."	No there is no such limit to add any product.	Failed

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	3.6	Modify quantity to zero	User has added a product to the cart.	1. Add a product to the cart. 2. Change quantity to 0. 3. Click "Update".	The product should be removed from the cart or an error message should be displayed.	It throws an error that no product is there	Passed
	3.7	Attempt to proceed to checkout with an empty cart	User is logged in, and cart is empty.	1. Ensure the cart is empty. 2. Click on the "Checkout" button.	The system should prompt the user that the cart is empty, like "Your cart is empty."	There is no such promt it checkout without any product successfully	Failed
	3.8	Attempt checkout with a product that is out of stock	User has added an out-of-stock product to the cart.	1. Add an out-of-stock product to the cart. 2. Proceed to checkout. 3. Attempt to complete the purchase.	The checkout process should stop and show an error message like "Product out of stock."	It shows that "the product is out of stock".	Passed
	3.9	Verify cart update when changing product quantity	User has added multiple products to the cart.	1. Add products to the cart. 2. Change the quantity of a product in the cart. 3. Click "Update".	The cart should update the product quantity and the total price.	The cart is successfully updated the price and quantity.	Passed
	3.1	Test cart behavior when cookies are disabled	User is logged in and adds products to the cart.	1. Disable cookies in the browser. 2. Add products to the cart. 3. Close the browser and reopen the website. 4. Check if the cart persists.	The cart should not persist, as cookies are disabled.	The cart persist successfully	Passed
4. Checkout Process	4.1	Proceed to checkout with an empty cart	User is logged in but cart is empty.	1. Ensure the cart is empty. 2. Click on "Checkout".	A message like "Your cart is empty" should be shown.	No such mesaage is there which shown that "Your cart is empty".	Failed
	4.2	Checkout with invalid payment details	User has valid products in the cart.	1. Proceed to checkout. 2. Enter invalid payment details (e.g., expired card).	The system should show an error message like "Payment details are incorrect."	It does not throw any error related to the wrong payment details.	Failed
	4.3	Attempt checkout with incomplete payment information	User has valid products in the cart.	1. Proceed to checkout. 2. Leave some payment fields blank (e.g., missing CVV or expiration date).	An error message asking for missing details should appear.	An error is pop up when the details is missing.	Passed
	4.4	Attempt checkout with expired credit card details	User has valid products in the cart.	1. Proceed to checkout. 2. Enter expired credit card details. 3. Click "Confirm Order".	The system should show an error message like "Credit card expired."	Np such error is their which shows "Credit card is expired".	Failed

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	4.5	Checkout with incorrect CVV code	User has a valid credit card in the checkout process.	1. Proceed to checkout. 2. Enter the wrong CVV code. 3. Attempt to submit the order.	The system should display an error message like "Invalid CVV code".	No such message for "Invalid CVV code".	Failed
	4.6	Attempt to checkout without a shipping address	User has products in the cart and no address saved.	1. Proceed to checkout. 2. Leave the shipping address field empty. 3. Attempt to place the order.	The system should show an error message like "Shipping address is required."	No it confirm the order without address.	Failed
	4.7	Verify that order summary is displayed before confirmation	User is logged in and has items in the cart.	1. Add items to the cart. 2. Proceed to checkout. 3. Verify that an order summary is shown before confirmation.	An order summary, including items, quantities, and total price, should be displayed.	No summary of the order placed is their	Failed
5. User Authentication	5.1	Register a new user	User is not logged in.	1. Go to the registration page. 2. Enter valid details (name, email, password). 3. Click "Register".	User should be successfully registered and redirected to login page.	User is not get looged in.	Failed
	5.2	Login with valid credentials	User is registered.	1. Go to the login page. 2. Enter valid username and password. 3. Click "Login".	User should be successfully logged in and redirected to the homepage.	User faced problem in logged in.	Failed
	5.3	Login with invalid credentials	User is registered.	1. Go to the login page. 2. Enter invalid username or password. 3. Click "Login".	The system should show an error message like "Invalid username or password".	No it always shows user does not exist.	Failed
	5.4	Forgot password functionality	User has a registered account.	1. Go to the login page. 2. Click "Forgot password". 3. Enter registered email. 4. Check inbox for reset link.	A password reset link should be sent to the registered email address.	There is no option for reset the password.	Failed
	5.5	Login with empty username or password	User is registered.	1. Go to the login page. 2. Leave the username or password field empty. 3. Click "Login".	The system should show an error message like "Username or password cannot be empty."	It shows that the Username and password filed cannot be empty	Passed
	5.6	Verify session timeout during user inactivity	User is logged in.	1. Log in to the website. 2. Leave the site idle for a period. 3. Attempt to perform an action after timeout.	User should be logged out after a period of inactivity and redirected to the login page.	No user can't able to looged out	Failed
6. Order History	6.1	View order history for logged-in user	User is logged in.	1. Log in to the account. 2. Go to the "Order History" section. 3. View past orders.	The user should be able to view their past orders.	No user can't see their past order.	Failed

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	6.2	Verify order history is empty for first-time user	User is a new user with no orders.	1. Log in as a new user. 2. Go to the "Order History" section. 3. Observe the result.	The order history should be empty for a first-time user.	The order history is empty	Passed
	6.3	Verify the "View Order" functionality	User has placed orders in the past.	1. Log in to the account. 2. Go to "Order History". 3. Click "View Order" on a past order.	The user should be able to view order details like items, total price, and status.	No user can't see their history	Failed
	6.4	Verify that cancelled orders appear in order history	User has a cancelled order.	1. Log in to the account. 2. Go to "Order History". 3. Check if cancelled orders are displayed.	Cancelled orders should be clearly marked as "Cancelled".	No order cancellation button is not there.	Failed