**1. User Registration Workflow**

**Steps:**

1. **User navigates to the website**: The user opens **demoblaze.com** on a web browser.
2. **Click on "Sign Up"**: The user clicks on the "Sign Up" button to open the registration form.
3. **Fill out the registration form**: The user enters:
   * **Username**
   * **Email**
   * **Password**
4. **Submit the registration form**: The user clicks on the “Register” button to submit the form.
5. **Display success message**: The system verifies the details and, if valid, shows a success message.
6. **Redirect to Login page**: The user is redirected to the Login page to log in with their new account credentials.

**2. User Login Workflow**

**Steps:**

1. **User navigates to the login page**: The user clicks on the "Login" button located on the homepage.
2. **Enter login credentials**: The user enters their **Username** and **Password**.
3. **Click "Log In"**: The user clicks the "Log In" button to proceed.
4. **Validate credentials**: The system checks if the provided credentials are correct.
   * If **successful**, the user is logged in and redirected to the homepage or user dashboard.
   * If **failed**, the system shows an error message and prompts the user to re-enter the credentials.

**3. Product Search and Browse Workflow**

**Steps:**

1. **User navigates to the homepage**: The user lands on the homepage of **demoblaze.com**.
2. **Enter search term**: The user types a product name (e.g., "Samsung Galaxy S6") in the search bar.
3. **Click on the "Search" button**: The user clicks the search button to display results.
4. **View search results**: The system shows a list of matching products.
   * The user can click on a product to view more details.
5. **Filter products (optional)**: The user can filter products by category (e.g., "Phones," "Laptops") to narrow the search results.

**4. Add Product to Cart Workflow**

**Steps:**

1. **User views a product**: The user selects a product from the search results or the product listing page.
2. **Click on "Add to Cart"**: The user clicks the "Add to Cart" button to add the product to the cart.
3. **View Cart**: The system shows a confirmation that the product has been added to the cart, and the user can view the cart.
4. **Continue Shopping or Proceed to Checkout**: The user can either continue shopping and add more items to the cart or proceed to checkout.

**5. Checkout and Payment Workflow**

**Steps:**

1. **User navigates to the cart**: The user clicks on the cart icon at the top of the page.
2. **Review cart items**: The user reviews the items in their cart, checking quantities, prices, etc.
3. **Click on "Proceed to Checkout"**: The user clicks the "Proceed to Checkout" button to start the payment process.
4. **Enter shipping details**: The user is prompted to enter shipping information (e.g., address, phone number).
5. **Enter payment details**: The user enters payment information (e.g., credit card, PayPal).
6. **Review order**: The user reviews their order and total price.
7. **Click "Place Order"**: The user clicks the "Place Order" button to complete the transaction.
8. **Order confirmation**: The system processes the order and displays an order confirmation with order details and an estimated delivery date.

**6. User Logout Workflow**

**Steps:**

1. **User clicks on "Logout"**: The user clicks on the "Logout" button located at the top of the page.
2. **System logs out user**: The system logs the user out and redirects them to the homepage.
3. **Confirm logout**: The user is successfully logged out, and a message confirms the action (optional).