

Test Cases List

1. Test Case: Valid Login

- **Objective:** Verify that a user can log in with valid credentials.
 - **Preconditions:** The Trendyol login page is accessible.
 - **Steps:**
 1. Navigate to the login page.
 2. Enter a valid username.
 3. Enter a valid password.
 4. Click the login button.
 - **Expected Result:** The user should be redirected to the home page with the correct URL (<https://www.trendyol.com>).
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2. Test Case: Invalid Username Login

- **Objective:** Verify that the system displays an error message when logging in with an invalid username.
 - **Preconditions:** The Trendyol login page is accessible.
 - **Steps:**
 1. Navigate to the login page.
 2. Enter an invalid username.
 3. Enter a valid password.
 4. Click the login button.
 - **Expected Result:** An error message should appear stating "Lütfen geçerli bir e-posta adresi girin".
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3. Test Case: Invalid Password Login

- **Objective:** Verify that the system displays an error message when logging in with an invalid password.
 - **Preconditions:** The Trendyol login page is accessible.
 - **Steps:**
 1. Navigate to the login page.
 2. Enter a valid username.
 3. Enter an invalid password.
 4. Click the login button.
 - **Expected Result:** An error message should appear stating "şifreniz hatalı".
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4. Test Case: Search for an Item

- **Objective:** Verify that searching for a valid item displays results.
 - **Preconditions:** The Trendyol home page is accessible.
 - **Steps:**
 1. Navigate to the home page.
 2. Dismiss any pop-ups (gender selection, notifications).
 3. Enter "Telefon" in the search bar.
 4. Click the search button.
 - **Expected Result:** The results page should display items with a message containing "sonuç listeleniyor".
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5. Test Case: Search for a Non-Existent Item

- **Objective:** Verify that searching for a non-existent item displays an appropriate "no results" message.
 - **Preconditions:** The Trendyol home page is accessible.
 - **Steps:**
 1. Navigate to the home page.
 2. Dismiss any pop-ups.
 3. Enter "NonExistentItemXYZ" in the search bar.
 4. Click the search button.
 - **Expected Result:** The results page should display a message stating "Aradığınız ürün bulunamadı".
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6. Test Case: Add an Item to the Cart

- **Objective:** Verify that a user can add an item to the cart.
 - **Preconditions:** The Trendyol home page is accessible.
 - **Steps:**
 1. Navigate to the home page.
 2. Dismiss any pop-ups.
 3. Click on the third item on the home page.
 4. Click "Anladım" if onboarding appears.
 5. Click the "Add to Basket" button.
 - **Expected Result:** The cart count should increase, and the cart icon should display the item count.
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7. Test Case: Remove Item from Cart

- **Objective:** Verify that a user can remove an item from the cart.
 - **Preconditions:** The cart contains at least one item.
 - **Steps:**
 1. Navigate to the home page.
 2. Dismiss any pop-ups.
 3. Add an item to the cart.
 4. Open the cart.
 5. Click the "Remove" button.
 - **Expected Result:** The cart should display zero items, or the item count should decrease.
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Additional Information

- **Framework:** Selenium WebDriver
- **Test Framework:** xUnit
- **Language:** C#
- **Assertions:** Used `Xunit.Assert` for verifying UI elements, URL redirection, and error messages.