

## WebShop Automation Tests

This repository contains automated tests for a web shop application. The tests are designed to ensure the functionality and reliability of the web shop by covering key features and user interactions.

### Test Suite Overview

#### Tests Included

##### 1. RegisterTest

- **TestClickRegisterLink:** Verifies that clicking the Register link navigates to the correct page.
- **VerifyRegisterOrRegisterNewUser:** Tests user registration by attempting to register new users and handling cases where users might already be registered.

##### 2. LoginTest

- **TestClickLoginLink:** Checks that clicking the Login link navigates to the login page.
- **VerifyLogin:** Validates the login process with a specified user and handles login errors.

##### 3. HomeTest

- **TestSelectJewelryCategory:** Confirms that selecting the Jewelry category navigates to the appropriate page.
- **TestClickLogout:** Ensures that clicking the Logout link returns the user to the landing page.

##### 4. CreateJewelryTest

- **TestNavigateJewelryPage:** Tests the Create Jewelry page functionalities, including handling out-of-range quantities and navigating through the process.
- **TestClickDemoWorkShopLogoReturnsToHomepage:** Verifies that clicking the Demo Work Shop logo returns to the homepage.

## 5. CheckoutTest

- **TestCheckoutProcess:** Covers the entire checkout process, including address entry, payment methods, and order confirmation.

## Test Execution

To achieve the best results, follow these steps:

6. **Set Up:** Ensure that all dependencies and configurations are properly set up.
7. **Run Tests:** Execute the test suite to perform all the tests in sequence.
8. **Review Reports:** Check the generated reports for detailed results and insights.

## Data Disclaimer

The data used in these tests is for test purposes only and does not reflect real data. Any user information, including credentials and personal details, is simulated and used solely for the purpose of testing.

Feel free to modify or expand this as needed!

4o mini

## You said:

create test cases for the above

## ChatGPT said:

ChatGPT

Certainly! Here's a set of test cases for the scenarios covered in your test suite:

## Test Case: RegisterTest

### Test Case 1: TestClickRegisterLink

**Objective:** Verify that clicking the Register link navigates to the registration page.

- **Preconditions:** The user is on the landing page.
- **Steps:**
  - a. Click on the Register link.
- **Expected Results:**
  - The URL should contain "register."
  - The page title should contain "Register."

### Test Case 2: VerifyRegisterOrRegisterNewUser

**Objective:** Validate the user registration process and handle existing users.

- **Preconditions:** User data is available in the test data file.
- **Steps:**
  - b. Attempt to register a new user with specified details.
  - c. Check if the user is already registered and handle accordingly.
- **Expected Results:**
  - Registration should succeed if the user is not already registered.
  - Appropriate error messages should be displayed if the user is already registered.

## Test Case: LoginTest

### Test Case 1: TestClickLoginLink

**Objective:** Verify that clicking the Login link navigates to the login page.

- **Preconditions:** The user is on the landing page.
- **Steps:**
  - d. Click on the Login link.
- **Expected Results:**
  - The URL should contain "login."
  - The page title should contain "Login."

## Test Case 2: VerifyLogin

**Objective:** Validate the login process using provided credentials.

- **Preconditions:** User credentials are available in the test data file.
- **Steps:**
  - e. Enter email and password.
  - f. Click the login button.
- **Expected Results:**
  - Login should succeed, and the user should be redirected to the homepage.
  - If login fails, an appropriate error message should be displayed.

## Test Case: HomeTest

### Test Case 1: TestSelectJewelryCategory

**Objective:** Ensure that selecting the Jewelry category navigates to the correct page.

- **Preconditions:** The user is logged in and on the homepage.
- **Steps:**
  - g. Click on the Jewelry category.
- **Expected Results:**
  - The URL should contain "jewelry."

## Test Case 2: TestClickLogout

**Objective:** Verify that clicking the Logout link returns to the landing page.

- **Preconditions:** The user is logged in.
- **Steps:**
  - h. Click on the Logout link.
- **Expected Results:**
  - The URL should match the landing page URL.

## Test Case: CreateJewelryTest

### Test Case 1: TestNavigateJewelryPage

**Objective:** Test navigation and functionality on the Create Jewelry page.

- **Preconditions:** The user is logged in and on the Create Jewelry page.
- **Steps:**
  - i. Select material from dropdown.
  - j. Enter length in cm.
  - k. Select a shape.
  - l. Set quantity.
  - m. Click "Add to Cart."
  - n. Click "Shopping Cart."
- **Expected Results:**
  - All actions should be performed successfully.
  - An exception should be thrown for out-of-range quantity.

## Test Case 2: TestClickDemoWorkShopLogoReturnsToHomepage

**Objective:** Verify that clicking the Demo Work Shop logo returns to the homepage.

- **Preconditions:** The user is on any page other than the homepage.
- **Steps:**
  - o. Click on the Demo Work Shop logo.
- **Expected Results:**
  - The URL should match the homepage URL.

## Test Case: CheckoutTest

### Test Case 1: TestCheckoutProcess

**Objective:** Validate the complete checkout process.

- **Preconditions:** The user is logged in, has items in the cart, and is on the Shopping Cart page.
- **Steps:**
  - p. Select country and enter zipcode.
  - q. Agree to terms and conditions.
  - r. Click the checkout button.
  - s. Complete shipping and billing address entry.
  - t. Select shipping and payment methods.
  - u. Confirm the order.
- **Expected Results:**
  - The order should be confirmed, and the user should see a confirmation message.
  - The user should be redirected to the checkout completed page.