# Test Case Documentation

**Name:** testRegistrationValid()

**Description:**

This test case enters all registration information into the Sign Up page and submits the results.

It checks if a form is present before entering the information and after submitting it.

The first check is to see if we if not on the correct page at least on a page with a form before starting to enter data into fields.

The second check to see that after the submission the user is now if not on the correct page at least on a page without a form. The catalog doesn’t have a form.

A third assert statement is used to check that the “Add to Cart” link is present on the landing page. This will indicate that we are in a catalog page as only these pages have an “add to cart” link on them.

**Expected Results:**

Since all data entered is valid and we don’t check for duplicate usernames, this test is expected to always pass.

**Name:** void testLoginValid()

**Description:** This test case enters at the home page and attempts a login with the data from the previous test.

This test checks that a dorm is present before entering login information then tests that the “Add to Cart” link is present after the data is submitted thus confirming that the landing page is a landing page in the catalog.

**Expected Results:**

The username and password are registered due to the previous test case so unless the previous test fails this test is always expected to pass.

**Name:** testLoginMissing1()

**Description:**

This test case attempts to login with a valid username but no password and tests if there is a form present before entering the data. It also checks that the “Sign Up!” link is still present after an invalid login thus confirming the landing page is the correct one.

**Expected Results:**

This test is expected to always pass since the login information is incomplete.

**Name:** testLoginMissing2()

**Description:**

This test case attempts to login with a valid password but no username and tests if there is a form present before entering the data. It also checks that the “Sign Up!” link is still present after an invalid login thus confirming the landing page is the correct one.

**Expected Results:**

This test is expected to always pass since the login information is incomplete.

**Name:** testLoginMissing3()

**Description:**

This test case attempts to login with no password and no username and tests if there is a form present before entering the data. It also checks that the “Sign Up!” link is still present after an invalid login thus confirming the landing page is the correct one.

**Expected Results:**

This test is expected to always pass since the login information is incomplete.

**Name:** testRegistrationMissing()

**Description:**

This test case attempts to register a user while omitting to fill in a field.

It test that there is a form on the current page. It tests that there is a form at the beginning and a form at the end. In other words if there is still a form after the submission of the data then the user didn’t gain access to the catalog. Which is what it tests, it doesn’t matter what other page it lands on, as long as it’s not in the catalog.

**Expected Results:**

This test is always expected to pass.

**Name:** testCDStoreCategories()

**Description:**

This test case enters the website with valid credentials and clicks on the “Country” category. It checks that on the landing page there is a “add to cart” link. It shows that clicking on the link doesn’t cause an error and lands on a page that is in the catalog.

**Expected Results:**

This test is always expected to pass.

**Name:** testCartAdd()

**Description:**

This test case enters the website with valid credentials and clicks on the “add to cart” link. It checks that after the click the test “Checkout” is present on the landing page. Only the cart contains the “Checkout” text.

**Expected Results:**

Unless there are no items in the catalog this test is expected to pass.

If there are no items in the catalog then this test is expected to fail.

**Name:** testCartUpdate()

**Description:**

This test case enters the website with valid credentials and clicks on the “add to cart” link. It then proceeds to set the quantity to 0 and press the button “Update Quantity”. It then checks on the landing page for the text “Your shopping cart is empty." This text only appears if the cart is empty.

**Expected Results:**

Unless there are no items in the catalog, this test is expected to pass.

If there are no items in the catalog then this test is expected to fail.

**Name:** testSubmitOrderValid()

**Description:**

This test case enters the website with valid credentials and clicks on the “add to cart” link and then clicks on the “Checkout” link. It tests that the “Grand Total:” text is present then proceeds to enter the credit card information then click on “Confirm Order”. If the landing page contains the text “Your order was processed successfully!" then the test passes.

**Expected Results:**

Unless there are no items in the catalog, this test is expected to pass.

If there are no items in the catalog then this test is expected to fail.

**Name:** testRejectOrder()

**Description:**

This test case is submits four more orders in the same way as testSubmitOrderValid(). On the fourth order which is the fifth overall order submitted it checks to find the text “There was a problem processing your order! Please contact a CD Store representative." This text indicates that the landing page in for the fifth request is the failure page thus the fifth transaction didn’t go through.

**Expected Results:**

Unless there are no items in the catalog, this test is expected to pass.

If there are no items in the catalog then this test is expected to fail.

**Name:** testCancelOrder()

**Description:**

This test case submits valid login credentials, adds to cart and on the cart page clicks the “Cancel Order” option. It then checks that the following texts are not present on the landing page: “Grand Total”, “Your order was processed successfully!", and “There was a problem processing your order! Please contact a CD Store representative."

This demonstrates that the landing page was not one where the transaction was processed and that the user left the checkout screen.

**Expected Results:**

Unless there are no items in the catalog, this test is expected to pass.

If there are no items in the catalog then this test is expected to fail.