# **ISTQB CTFL V4.0 Final Project**

**Project Name:** PrestaShop Demo Ecommerce website

**Test Design Date:** March 27, 2025

**Tester:** Emmanuel Adewoye

**Scope:**

* Test cases
* Test Execution
* Test case Report

**Summary:** The testing involved a thorough examination of the documentation, code implementation and design specifications of prestashop demo ecommerce website on different browsers. The test case design aimed to ensure accurate test case design, and verify the correctness of the documentation, design and working flow of the website.

Abbreviations

TC - Test Case

PS - Prestashop

**Test Case Title:** Verify User Login on PrestaShop Demo

**Test Case ID:** TC-PS-001

**Test Category:** Functional Testing

**Priority:** High

**Test Environment:**

* Browser: Chrome 134+/Microsoft Edge 115+
* OS: Windows 10/Tablet/Mobile
* Network: Stable internet connection

**Preconditions:**

* The user must have access to the PrestaShop demo website.
* A registered user account should exist for login testing.

**Test Data:**

* User Credentials: Valid email and password.

**Test Steps:**

1. Navigate to [PrestaShop Demo Login Page](https://grand-maid.demo.prestashop.com/en/login?back=https%3A%2F%2Fgrand-maid.demo.prestashop.com%2Fen%2F).
2. Click on the "Sign In" option.
3. Enter a valid email address and password.
4. Click the "Sign In" button.
5. Verify that the login is successful and the user is redirected to their account dashboard.
6. Log out and verify that the session has ended successfully.

**Expected Result:**

* The user should be able to log in successfully.
* The account dashboard should be displayed.
* The user should be able to log out without issues.

**Postconditions:**

* The user is successfully logged into the system.
* The session ended correctly after logout.

**Test Status:**

* Pass/Fail

**Test Case Title:** Verify Successful Product Purchase on PrestaShop Demo

**Test Case ID:** TC-PS-002

**Test Category:** Functional Testing

**Priority:** High

**Test Environment:**

* Browser: Chrome 134+/Microsoft Edge 115+
* OS: Windows 10/Tablet/Mobile
* Network: Stable internet connection

**Preconditions:**

* The user must have access to the PrestaShop demo website.
* The demo store should have products available for purchase.

**Test Data:**

* Product: Any available product in the store.
* Payment Method: Available demo payment option.

**Test Steps:**

1. Navigate to [PrestaShop Demo](https://demo.prestashop.com/#/en/front).
2. Browse and select a product from the catalog.
3. Click on "Add to Cart" and verify that the product is added successfully.
4. Click on "Proceed to Checkout."
5. Enter necessary billing and shipping details.
6. Select a valid shipping method and proceed.
7. Choose an available payment method and confirm the order.
8. Verify that an order confirmation message is displayed.
9. Check for an order confirmation email (if applicable).
10. Navigate to the "Order History" section and confirm that the order appears in the list.

**Expected Result:**

* The user should be able to successfully add a product to the cart and complete the checkout process.
* The system should display an order confirmation message.
* The order should be reflected in the user's order history.

**Postconditions:**

* The order is successfully placed and logged in the system.
* The user can view the order details in the history section and also remove order from cart.

**Test Status:**

* Pass/Fail

**Test Case Title:** Verify User Email Subscription on PrestaShop Demo

**Test Case ID:** TC-PS-003

**Test Category:** Functional Testing

**Priority:** Medium

**Test Environment:**

* Browser: Chrome 134+/Microsoft Edge 115+
* OS: Windows 10/Tablet/Mobile
* Network: Stable internet connection

**Preconditions:**

* The user must have access to the PrestaShop demo website.
* The subscription feature must be enabled on the website.

**Test Data:**

* Email Address: A valid email address for subscription.

**Test Steps:**

1. Navigate to [PrestaShop Demo Subscribe Box](https://demo.prestashop.com/#/en/front).
2. Locate the email subscription section (usually in the footer or homepage).
3. Enter a valid email address into the subscription field.
4. Click the "Subscribe" or "Submit" button.
5. Verify that a confirmation message is displayed, indicating successful subscription.
6. Check if a confirmation email is received (if applicable).
7. Attempt to subscribe with the same email again and verify if an appropriate message is shown.

**Expected Result:**

* The system should accept the email and display a confirmation message.
* A confirmation email should be received (if applicable).
* Duplicate subscriptions should be prevented or properly handled with an appropriate message.

**Postconditions:**

* The user is successfully subscribed to the newsletter.
* The email is stored in the subscription list.

**Test Status:**

* Pass/Fail

**Test Case Title:** Verify Search Function on PrestaShop Demo

**Test Case ID:** TC-PS-004

**Test Category:** Functional Testing

**Priority:** High

**Test Environment:**

* Browser: Chrome 134+/Microsoft Edge 115+
* OS: Windows 10/Tablet/Mobile
* Network: Stable internet connection

**Preconditions:**

* The user must have access to the PrestaShop demo website.
* The website must have products available for search.

**Test Data:**

* Search Query: Valid product name, partial product name, invalid product name.

**Test Steps:**

1. Navigate to [PrestaShop Demo Search Bar](https://demo.prestashop.com/#/en/front).
2. Locate the search bar on the homepage.
3. Enter a valid product name and click the search icon or press Enter.
4. Verify that relevant search results are displayed.
5. Enter a partial product name and check if the correct suggestions appear.
6. Enter an invalid product name and verify that an appropriate message is shown (e.g., “No products found”).
7. Test search with special characters or empty input and observe the system response.

**Expected Result:**

* The search function should return relevant products for valid queries.
* It should suggest correct matches for partial product names.
* It should display an appropriate message for invalid or empty searches.

**Postconditions:**

* The user is able to search for products efficiently.
* The system correctly handles different types of search inputs.

**Test Status:**

* Pass/Fail

**Test Case Title:** Verify Language Selection on PrestaShop Demo

**Test Case ID:** TC-PS-005

**Test Category:** Functional Testing

**Priority:** Medium

**Test Environment:**

* Browser: Chrome 134+/Microsoft Edge 115+
* OS: Windows 10/Tablet/Mobile
* Network: Stable internet connection

**Preconditions:**

* The user must have access to the PrestaShop demo website.
* The website must support multiple languages.

**Test Data:**

* Available languages on the website (e.g., English, French, Spanish).

**Test Steps:**

1. Navigate to [PrestaShop Demo Language Option](https://demo.prestashop.com/#/en/front).
2. Locate the language selection dropdown/menu.
3. Select a different language from the available options.
4. Verify that the website content updates accordingly to the selected language.
5. Navigate through different pages (home, product, checkout) and confirm that translations are applied correctly.
6. Switch back to the default language and ensure the content reverts properly.
7. Check if any UI elements remain untranslated or if there are any formatting issues.

**Expected Result:**

* The website should display content in the selected language.
* All pages should be correctly translated without UI or formatting issues.
* The user should be able to switch between languages seamlessly.

**Postconditions:**

* The language selection feature functions correctly across the website.
* The user can change languages without affecting website usability.

**Test Status:**

* Pass/Fail

**Test Case Title:** Verify Product Filter Function on PrestaShop Demo

**Test Case ID:** TC-PS-006

**Test Category:** Functional Testing

**Priority:** High

**Test Environment:**

* Browser: Chrome 134+/Microsoft Edge 115+
* OS: Windows 10/Tablet/Mobile
* Network: Stable internet connection

**Preconditions:**

* The user must have access to the PrestaShop demo website.
* The website must have multiple products available.
* Filtering options (e.g., category, price, brand, availability) must be enabled.

**Test Data:**

* Various filter criteria such as category, price range, and brand.

**Test Steps:**

1. Navigate to [PrestaShop Demo Accessories Page](https://demo.prestashop.com/#/en/front).
2. Locate the product filter section on the category page.
3. Apply a filter based on category and verify that only relevant products are displayed.
4. Apply a filter based on price range and confirm that only products within the selected range appear.
5. Select a brand filter and check if only products from the chosen brand are listed.
6. Combine multiple filters (e.g., category + price range + brand) and validate the results.
7. Clear all filters and verify that all products are displayed again.
8. Check for any performance issues or incorrect results when applying filters.

**Expected Result:**

* The system should filter products accurately based on selected criteria.
* Multiple filters should work together correctly without errors.
* Clearing filters should restore the complete product list.

**Postconditions:**

* The product filtering feature functions correctly and efficiently.
* Users can refine their searches using available filter options.

**Test Status:**

* Pass/Fail

Note: For the updated version of this document kindly visit ISTQB CTFL V4.0 Final Project