

Test Summary Report

Project Name: Personal Learning Project - Manual Testing of OpenCart E-commerce Platform

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Date: 7th July, 2025

Version: 1.0

1. Project Overview

- **Objective:** To validate core functionalities of the OpenCart demo site (<https://demo.opencart.com/>) as part of a personal learning initiative for my first QA job application.
- **Test Period:** 20th June, 2025 – 7th July, 2025
- **Environment:** Tested on Opera & Chrome browsers using OpenCart Frontend demo Site (<https://demo.opencart.com/>).
- **Tools Used:** Excel for Test cases, Test Case Execution, RTM, Test Scenarios & BUG Reporting and Word for Test Summary Report, Test Plan, FRS Document.

2. Test Scope

- **Functionalities Tested:** Register, Login, Logout, Search, Add to Cart, Wish list, Homepage, My Account, Checkout & Shopping Cart.
- **Total Planned Test Cases:** 100 (10 per functionality).

3. Test Execution Metrics

Metric	Value	Details
Total Number of Tests Performed	100	All 100 test cases executed across 10 functionalities.
Count of Tests Not Performed but Skipped	0	No test cases were skipped; all planned tests completed.
Count of Passed Tests	94	94 test cases passed successfully.
Count of Failed Tests	6	6 test cases failed, logged as Bugs.
Percentage of Successful Tests	94%	(94 passed / 100 total) * 100.
Percentage of Unsuccessful Tests	6%	(6 failed / 100 total) * 100.
Defect Detection Rate	6%	Percentage of tests resulting in Bug.

4. Test Results by Functionality

Functionality	Total Test Cases	Passed	Failed	Pass %	Comments
Register	10	8	2	80%	2 failures due to invalid input handling.
Login	10	10	0	100%	No issues detected.
Logout	10	9	1	90%	1 failure in multi-device logout.
Search	10	10	0	100%	No issues detected.
Add to Cart	10	9	1	90%	1 failure with invalid quantity.
Wish list	10	10	0	100%	No issues detected.
Homepage	10	10	0	100%	No issues detected.
My Account	10	9	1	90%	1 failure with Site Map navigation.
Checkout	10	10	0	100%	No issues detected.
Shopping Cart	10	9	1	90%	1 failure with invalid quantity update.
Total	100	94	6	94%	

5. Defects Identified

Defect ID	Description	Severity	Status	Associated Test Case
Opencart_BUG_01	User can register with an invalid phone number	Medium	Open	Register (2 failures)
Opencart_BUG_02	Red * sign for mandatory fields missing except Privacy Policy	Low	Open	Register (2 failures)
Opencart_BUG_03	Logout from one device doesn't log out on another device	Medium	Open	Logout (1 failure)
Opencart_BUG_04	Invalid quantity (-1) for Add to Cart shows success message	Critical	Open	Add to Cart (1 failure)
Opencart_BUG_05	My Account from Site Map logs out with invalid token warning	High	Open	My Account (1 failure)
Opencart_BUG_06	Invalid quantity (-1) update in Shopping Cart shows success message	High	Open	Shopping Cart (1 failure)

- **Total Defects Reported:** 6
- **Severity Breakdown:** 1 Critical, 2 High, 2 Medium, 1 Low.

6. Analysis and Observations

- **Strengths:** 94% pass rate indicates robust functionality for most features (Login, Search, Checkout, etc.).
- **Weaknesses:** Key issues in Register (invalid phone handling), Logout (multi-device sync), Add to Cart, My Account, and Shopping Cart (quantity validation) need attention.
- **Defect Trends:** Invalid input handling (e.g., quantity, phone) is a recurring issue, suggesting potential validation logic gaps.

7. Recommendations

- Retest failed functionalities after defect fixes by the development team.
- Expand testing with edge cases & Exploratory Testing (e.g., special characters in phone/email fields).
- Automate repetitive tests (e.g., Login, Search) using free tools like Selenium IDE after mastering manual testing.

8. Conclusion

This personal learning project successfully validated 10 OpenCart functionalities with a 94% pass rate, identifying 6 defects logged. The experience enhanced my understanding of manual testing, test case execution, and defect reporting, making me ready for entry-level QA roles.

This report and associated artifacts are available on my GitHub repository:

9. Attachments

- Defect Logs (Excel File: Defect_Report_OpenCart.xlsx Screenshot) **(Page No. 4)**
- RTM (Excel File: OpenCart_RTM.xlsx Snip Screenshot) **(Page No. 4)**
- Screenshots of Failed Test Cases **(Page No. 5 To 10)**

(Screenshots In Next Pages)

1. Defect Logs

Bug ID	Test Case ID	Description/Summary	Steps to Reproduce	Expected Result	Actual Result	Severity	Priority
Opencart_BUG_01	TC_RF_08	User is able to register an account by providing an invalid phone number	1. Open the Application URL 2. Click on 'My Account' dropdown menu 3. Select 'Register' option 4. Enter the new User valid details into the 'Register Account' page 5. Select the 'Privacy Policy' checkbox option 6. Click on 'Continue' button	Error message: invalid phone number	Warning message is not getting displayed, instead an Account is getting created with the given invalid phone number	Major	P0
Opencart_BUG_02	TC_RF_09	Red * sign for all the mandatory fields is not only visible for Privacy Policy Field	Go to Register > Check the Fields - First Name, Last Name, E-Mail, Telephone, Password, Password Confirm and Privacy Policy	All the specified Fields in the Test Steps should be marked with red color * symbol	Privacy Policy Field is not marked with red * Symbol.	Minor	P2
Opencart_BUG_03	TC_LO_003	Logout from one device does not log out the same account on another device	1. Logout from Firefox. 2. Try accessing Account on Chrome.	User logged out on both devices.	User is not getting logged out on other device.	Medium	P1
Opencart_BUG_04	TC_ATC_08	Invalid quantity (-1) for Add to Cart shows success message instead of error	1. Search for "iMac". 2. Click product. 3. Enter quantity "-1". 4. Click "Add to Cart"	Error: "Invalid quantity."	Error Message not shown instead Success Message: Product is added to	Critical	P0
Opencart_BUG_05	TC_MA_005	While Navigating to My Account from Site Map, Clicking My Account from Site Map logs out user with invalid token session warning	1. Click "Site Map" in footer 2. Click "My Account" link	User lands on My Account page	User got logged out and warning: Invalid token session. Please login again! Shown.	High	P2
Opencart_BUG_06	TC_SC_007	Updating Shopping Cart with invalid quantity (-1) shows success message instead of warning	1. Enter product name in Search box 2. Click search icon 3. Click product 4. Click 'Add to Cart' 5. Click 'shopping cart' 6. Enter negative/zero/non-numeric in Quantity 7. Click 'Update'	Proper warning message should be displayed informing the User to provide a positive numerical value	Wrong Message like this Success: You have modified your shopping cart! Is shown	High	P2

2. RTM (Snip Screenshot)

Project Name	OpenCart (Frontend)				
Client	OpenCart				
Reference Document	FRS (BRS Document not provided)				
Created By	Bharg Goswami				
Creation Date	06/30/2025				
Approval Date	DD-MM-YYYY				
Requirement ID	Requirement Description	Test Scenario ID	Test Case ID	Overall Test Status	
REQ_01	Validate the working of Register functionality	TS_01	TC_RF_001 TC_RF_002 TC_RF_003 TC_RF_004 TC_RF_005 TC_RF_006 TC_RF_007 TC_RF_008 TC_RF_009 TC_RF_010	Partially Passed	
REQ_02	Validate the working of Login functionality	TS_02	TC_LF_001 TC_LF_002 TC_LF_003 TC_LF_004 TC_LF_005 TC_LF_006 TC_LF_007 TC_LF_008 TC_LF_009 TC_LF_010	Fully Passed	
REQ_03	Validate the working of Logout functionality	TS_03	TC_LG_001 TC_LG_002 TC_LG_003 TC_LG_004 TC_LG_005 TC_LG_006 TC_LG_007 TC_LG_008 TC_LG_009 TC_LG_010	Partially Passed	
REQ_04	Validate the working of Search functionality	TS_04	TC_SF_001 TC_SF_002 TC_SF_003 TC_SF_004 TC_SF_005 TC_SF_006 TC_SF_007 TC_SF_008	Fully Passed	

3. Screenshots of Failed Test Cases

1. User is able to register an account by providing an invalid phone number

Register Account

If you already have an account with us, please login at the [login page](#).

Your Personal Details

* First Name	<input type="text" value="Test1"/>
* Last Name	<input type="text" value="Test1"/>
* E-Mail	<input type="text" value="testuser989@example.com"/>
* Telephone	<input type="text" value="abc123"/>

Your Password

* Password	<input type="password" value="*****"/>
* Password Confirm	<input type="password" value="*****"/>

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Your Account Has Been Created!

Congratulations! Your new account has been successfully created!

You can now take advantage of member privileges to enhance your online shopping experience with us.

If you have ANY questions about the operation of this online shop, please e-mail the store owner.

A confirmation has been sent to the provided e-mail address. If you have not received it within the hour, please [contact us](#).

[Continue](#)

2. Red * sign for all the mandatory fields is not only visible for Privacy Policy Field

Register Account

If you already have an account with us, please login at the [login page](#).

Your Personal Details

* First Name

First Name

* Last Name

Last Name

* E-Mail

bowiwo159@exitbit.com

Your Password

* Password

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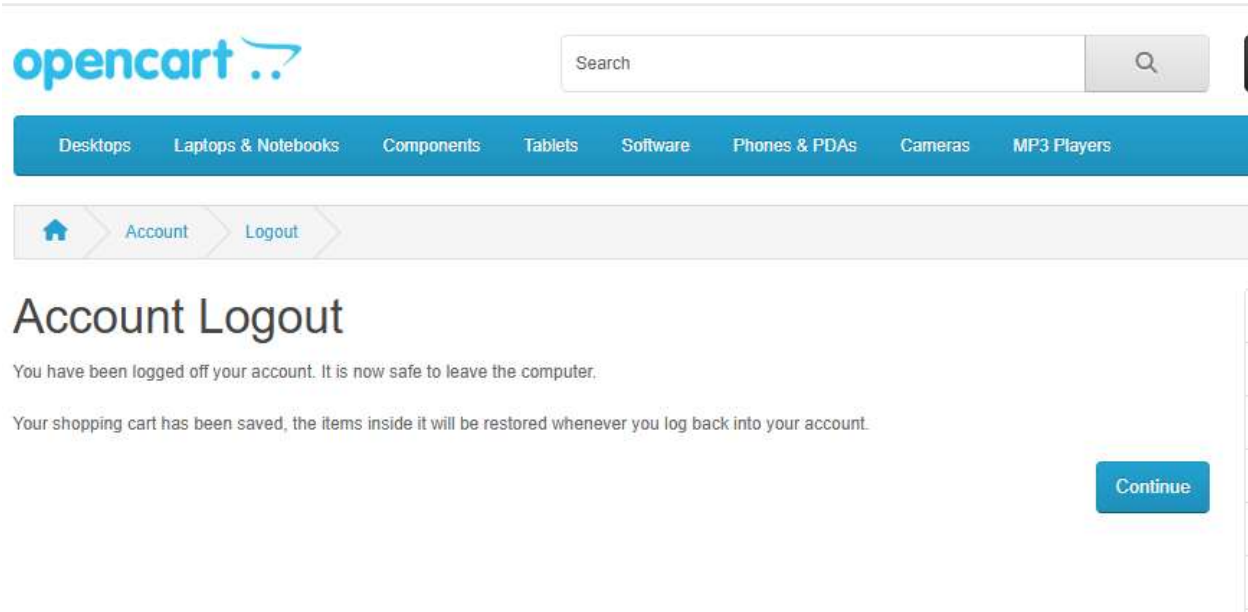
I have read and agree to the [Privacy Policy](#)



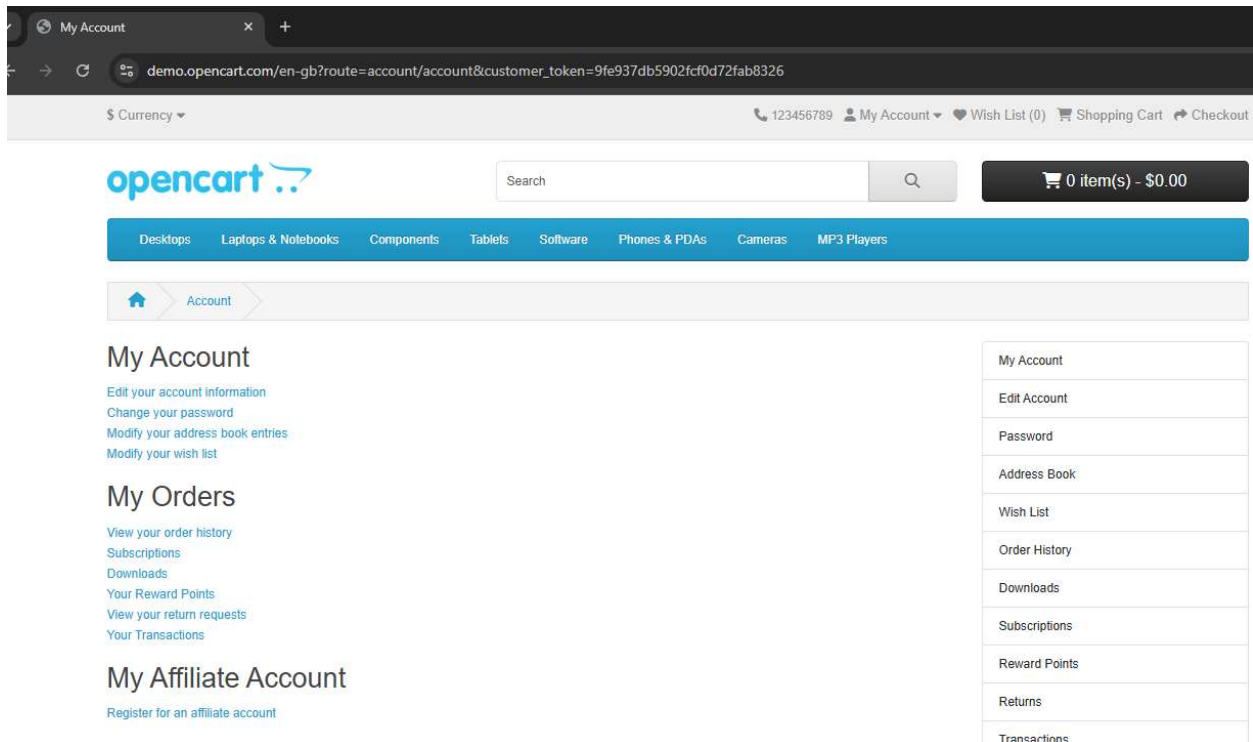
Continue

3. Logout from one device does not log out the same account on another device

A. LOGOUT FROM SAME ACCOUNT IN OPERA BROWSER

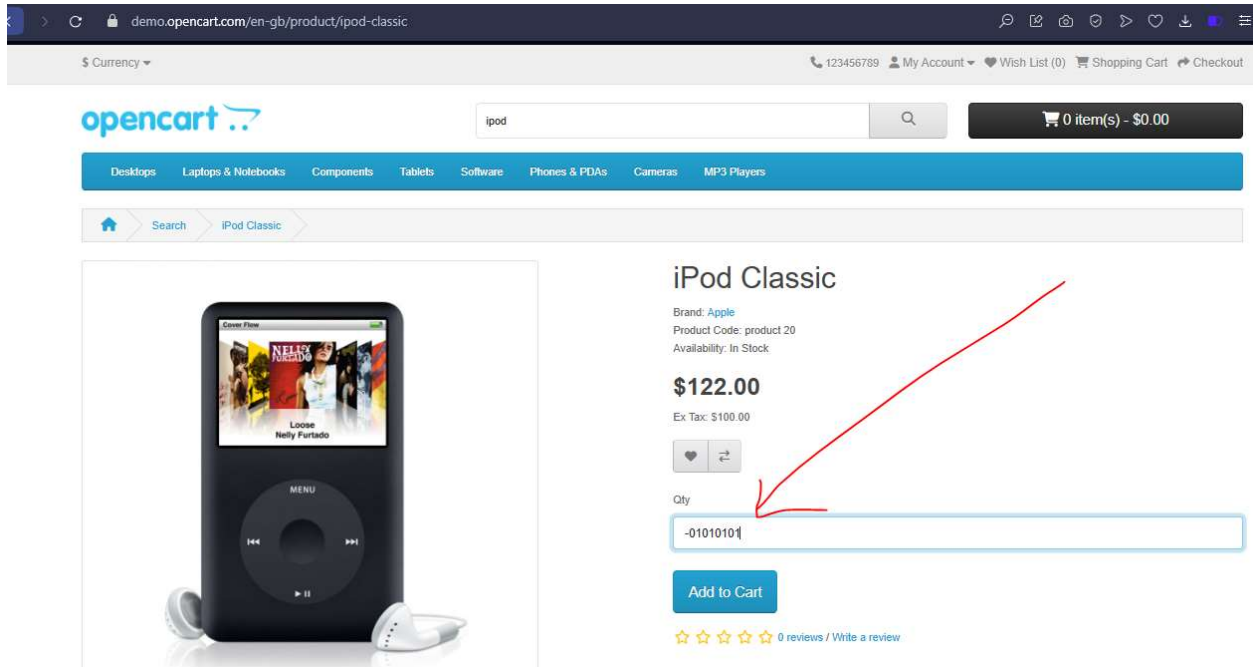


2. STILL LOGGED IN WITH SAME ACCOUNT IN CHROME BROWSER AFTER LOGOUT IN OPERA BROWSER

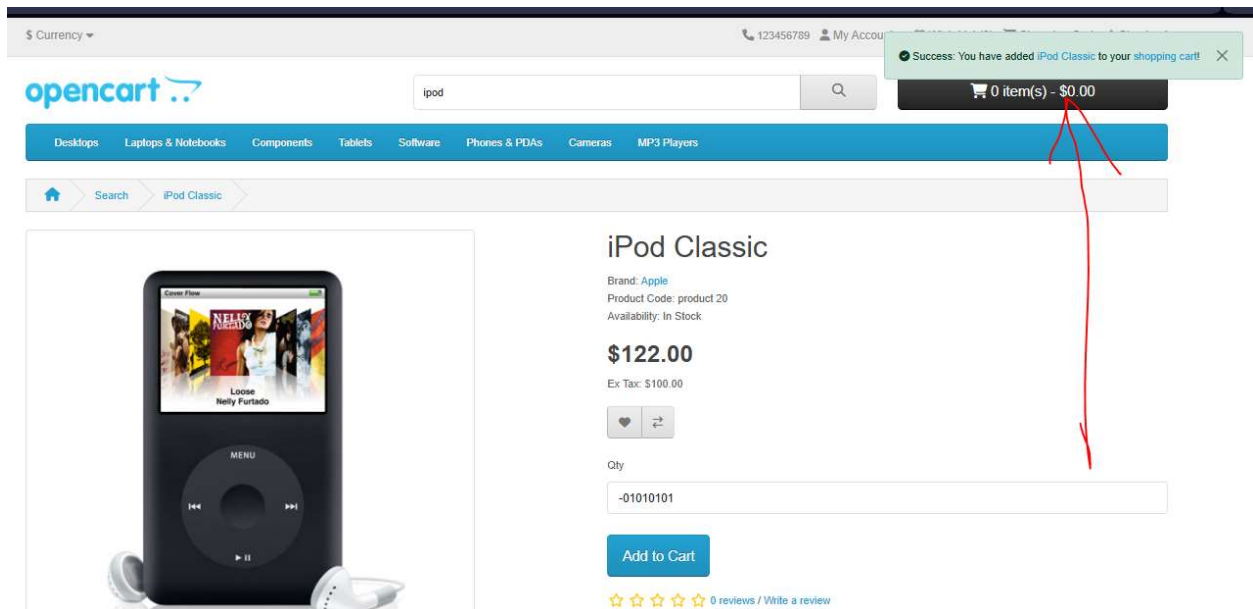


4. Invalid quantity (-01010101) for Add to Cart shows success message instead of error

A.AFTER ENTERING INVALID QUANTITY

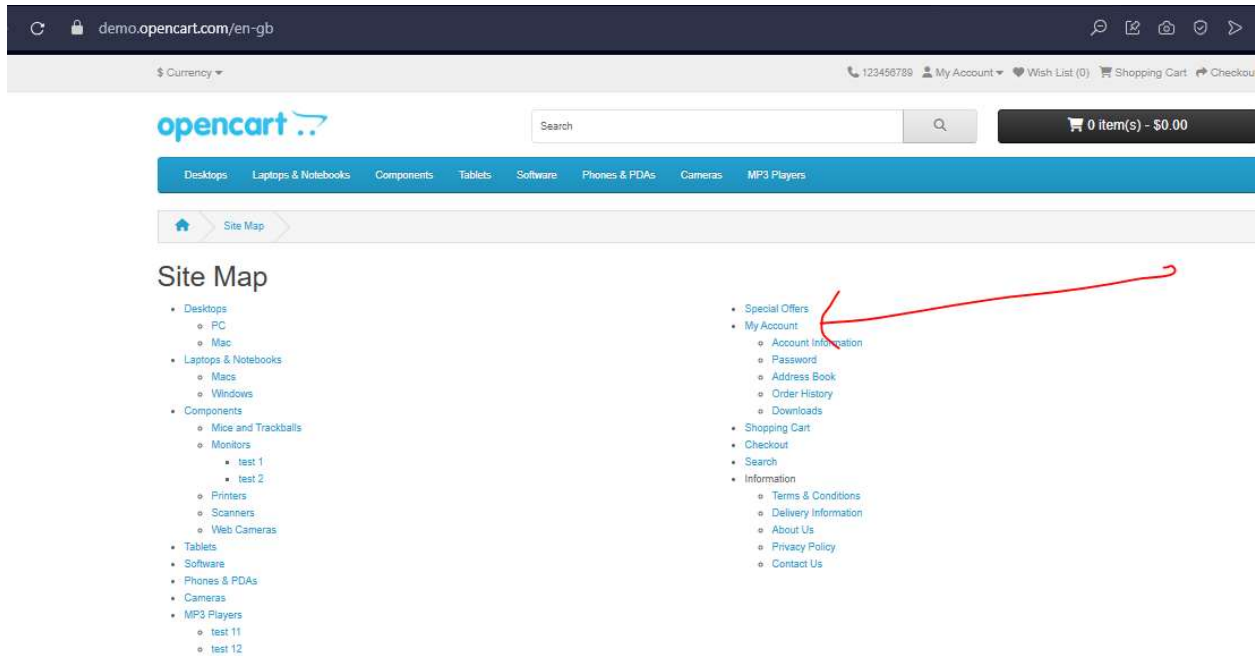


B. AFTER CLICKING ADD TO CART

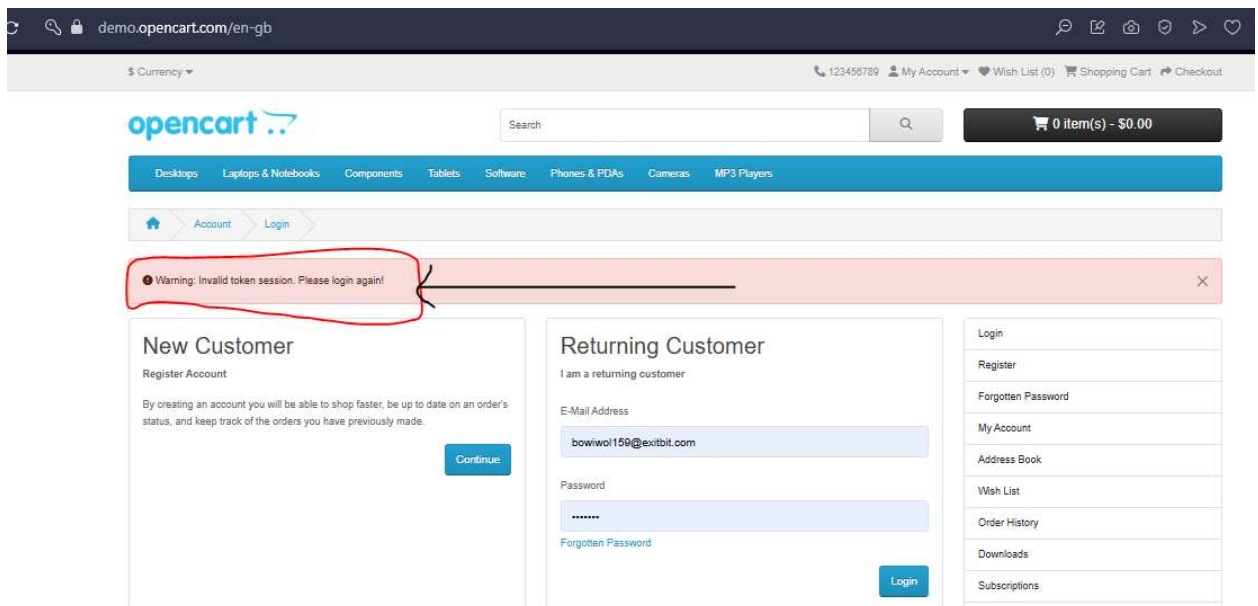


5. While Navigating to My Account from Site Map, Clicking My Account from Site Map logs out user with invalid token session warning

A. SITEMAP PAGE BEFORE CLICKING "MY ACCOUNT"



B. AFTER CLICKING "MY ACCOUNT" IN SITEMAP



6. Updating Shopping Cart with invalid quantity (-1) shows success message instead of warning

A. ENTERING 0 IN QUANTITY OF ADDED PRODUCT BEFORE CLICKING UPDATE ICON IN SHOPPING CART PAGE

The screenshot shows the OpenCart shopping cart page. The URL is demo.opencart.com/en-gb. The page header includes a search bar, a currency selector, and a shopping cart icon showing 1 item(s) for \$122.00. The main content area is titled "Shopping Cart (1.00kg)". It contains a table with the following columns: Image, Product Name, Model, Quantity, Unit Price, and Total. The table has one row for "iPod Classic" with a quantity of 0. A black arrow points to the quantity input field. Below the table, there is a section titled "What would you like to do next?" with a dropdown menu for "Estimate Shipping & Taxes".

Image	Product Name	Model	Quantity	Unit Price	Total
	iPod Classic	product 20	0	\$122.00	\$122.00
				Sub-Total	\$100.00
				Eco Tax (-2.00)	\$2.00
				VAT (20%)	\$20.00
				Total	\$122.00

B. AFTER CLICKING UPDATE ICON ADDED ITEM DISAPPEARED & SUCCESS MESSAGE SHOWN

The screenshot shows the OpenCart shopping cart page after the quantity has been updated to 0. The URL is demo.opencart.com/en-gb. The page header includes a search bar, a currency selector, and a shopping cart icon showing 0 item(s) for \$0.00. A green success message box is displayed at the top right, stating "Success: You have modified your shopping cart!". The main content area is titled "Shopping Cart (1.00kg)". It contains a table with the following columns: Image, Product Name, Model, Quantity, Unit Price, and Total. The table is empty. A black arrow points to the "What would you like to do next?" section, which includes a dropdown menu for "Estimate Shipping & Taxes".

Image	Product Name	Model	Quantity	Unit Price	Total
				Sub-Total	\$0.00
				Total	\$0.00