

# Bugs of Open Cart

**Found by – Swayam Uniyal.**

**Bug ID:** OPEN\_CART\_BUG\_1

**Title:** Registration confirmation email not received after successful account creation

**Module:** User Registration

**Severity:** Low

**Priority:** Low

**Defect Type:** Environment / Configuration

## **Pre-condition**

User is on the Register Account page.

## **Steps to Reproduce**

1. Open the application.
2. Click **My Account → Register**.
3. Fill all mandatory fields.
4. Accept Privacy Policy.
5. Click **Continue**.
6. Check the registered email inbox.

## **Expected Result**

User account should be created and a confirmation email ("Thank you for registering") should be received.

## **Actual Result**

Account is successfully created but no confirmation email is received.

The left window shows the OpenCart registration process. The user has entered their personal details: First Name (Dexico), Last Name (Newtara), and Email (dexico3840@newtrea.com). They have also chosen a password. A newsletter subscription checkbox is checked, and they have agreed to the Privacy Policy. A 'Continue' button is visible at the bottom.

The right window shows a temporary email service interface. It displays a generated email address: dexico3840@newtrea.com. Below the address, there is a note about the service being spam-free, secure, and anonymous. It includes buttons for 'Copy', 'Refresh', 'Change', and 'Delete'. At the bottom, there is an advertisement for Creative Cloud.

The left window shows the OpenCart account confirmation page, stating 'Your Account Has Been Created!' with a message congratulating the user on their successful account creation. A 'Continue' button is present.

The right window shows a temporary email inbox interface. It displays a message indicating that the inbox is empty, with a note that it is waiting for incoming emails. It includes sections for 'SENDER', 'SUBJECT', and 'VIEW'. At the bottom, there is a section titled 'What is Disposable Temporary E-mail?' which defines it as a free email service for temporary addresses.

**Bug ID:** OPEN\_CART\_BUG\_2

**Title:** Privacy Policy checkbox not marked as mandatory (\*) on Register page

**Module:** Registration Page

**Severity:** Minor

**Priority:** Low

**Defect Type:** UI / Usability

### Steps to Reproduce

1. Open Register Account page.
2. Observe all mandatory fields.

### Expected Result

Privacy Policy checkbox should be marked with a red asterisk (\*) indicating it is mandatory.

### Actual Result

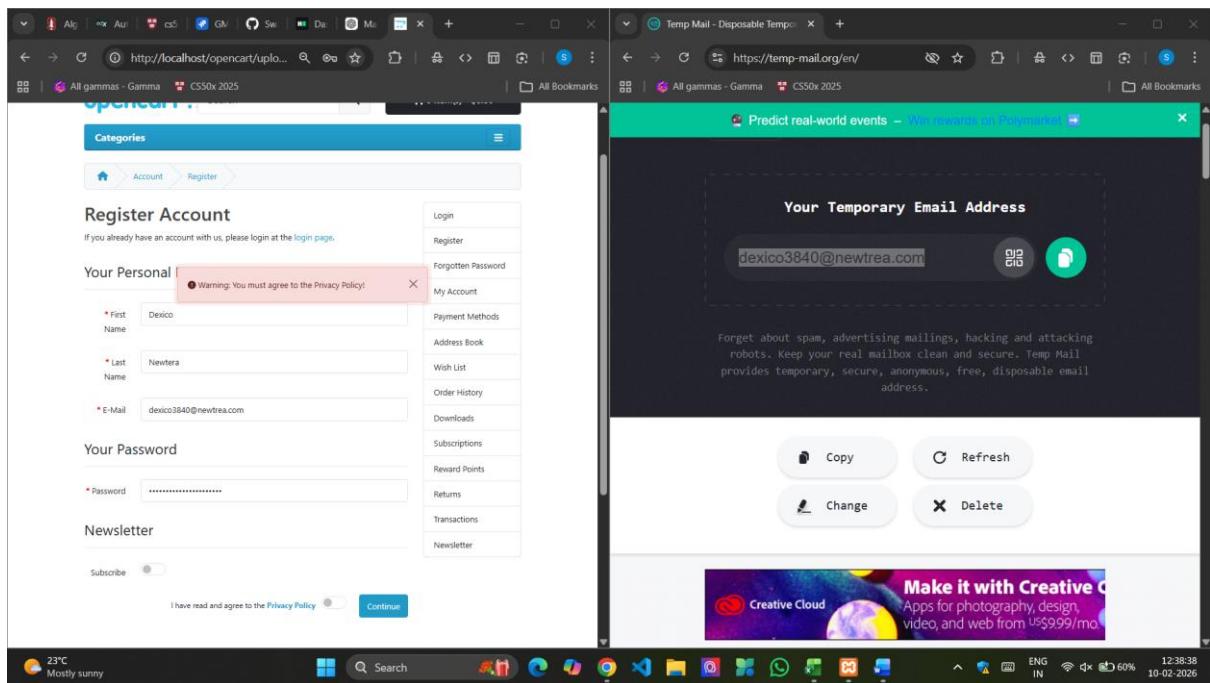
Checkbox is mandatory but no visual indicator (\*) is displayed.

### Impact

Users may not understand why the form cannot be submitted.

### Status

Valid UI usability issue.



**Bug ID:** OPEN\_CART\_BUG\_3

**Title:** Registration accepts weak password without complexity validation

**Module:** User Registration

**Severity:** Major

**Priority:** High

**Defect Type:** Security / Validation

#### **Steps to Reproduce**

1. Open Register page.
2. Enter valid details.
3. Enter password: **123456**
4. Accept Privacy Policy.
5. Click Continue.

#### **Expected Result**

System should reject weak passwords and display message requiring:

- minimum 8 characters
- uppercase
- lowercase
- number
- special character

#### **Actual Result**

Account is created successfully using a weak password “123456”.

#### **Impact**

Creates serious security risk — accounts easily compromised.

http://localhost/opencart/upload/index.php?route=account/register&language=en-gb

All gammas - Gamma CSS50x 2025

[Account](#) [Register](#)

## Register Account

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

### Your Personal Details

* First Name	Nick
* Last Name	Vig
* E-Mail	nk24q@virgillian.com

### Your Password

* Password	*****
------------	-------

### Newsletter

Subscribe

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

http://localhost/opencart/upload/index.php?route=account/success&language=en-gb&customer\_token=7733051c10e8e687b24c1e1a91

All gammas - Gamma CSS50x 2025

\$ Currency [USD](#)

123456789 My Account Wish List (0) Shopping Cart Checkout

[opencart](#)

Search

0 item(s) - \$0.00

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players

[Account](#) Your Account Has Been Created!

## 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](#)

My Account  
Edit Account  
Password  
Payment Methods  
Address Book  
Wish List  
Order History  
Downloads  
Subscriptions  
Reward Points  
Returns  
Transactions  
Newsletter  
Logout

## Bug ID: OPEN\_CART\_BUG\_4

**Title:** System allows leading and trailing whitespace in First Name field before submission

**Module:** Registration Page

**Type:** Validation / Usability Observation

**Severity:** Low

**Priority:** Low

**Precondition:**

User is on Account Registration page

**Steps to Reproduce:**

1. Open OpenCart Register page
2. Enter First Name as: Swayam
3. Fill remaining mandatory fields
4. Click Continue

**Actual Result:**

System accepts the input and creates account. Spaces are trimmed automatically after submission.

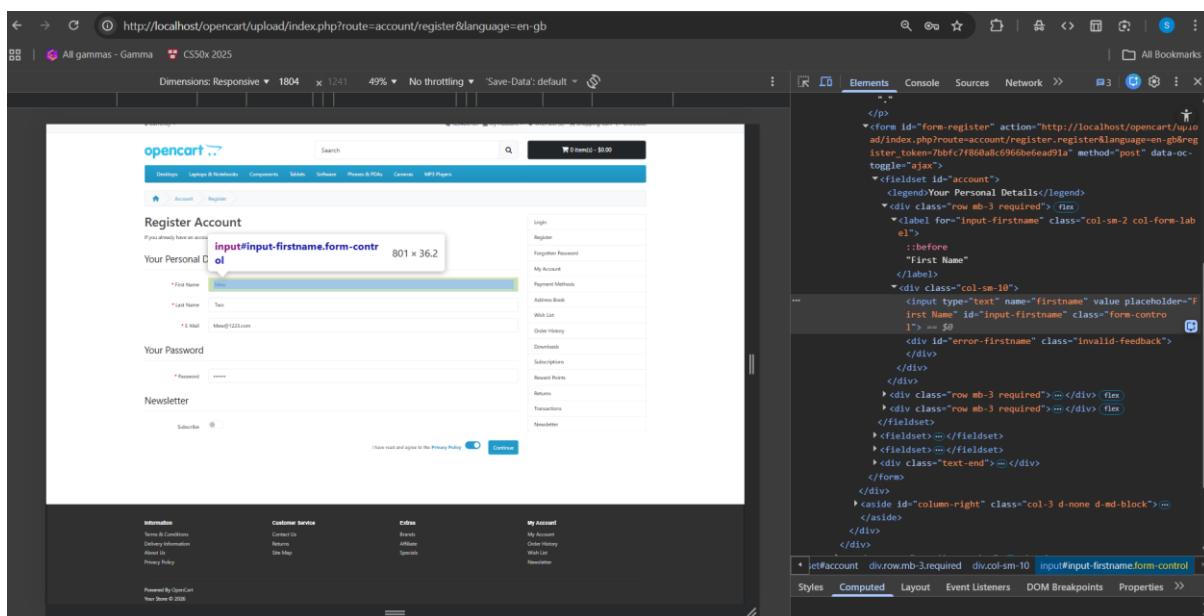
**Expected Result:**

System should prevent leading and trailing spaces or auto trim the field on client side before form submission and inform the user.

**Impact:**

May confuse users and causes unnecessary server-side processing.

**Status:** Observation / Enhancement Suggestion



The screenshot shows a browser window displaying the OpenCart 'Register Account' page. The 'First Name' input field is highlighted with a red border, indicating it is the current focus. The browser's developer tools are open, specifically the Elements tab, which displays the HTML code for the registration form. A red box highlights the 'input#input-firstname.form-control' element in the DOM tree, corresponding to the highlighted field on the page. The page itself shows fields for First Name, Last Name, and E-Mail, along with password and newsletter subscription sections at the bottom.

**Bug ID:** OPEN\_CART\_BUG\_5

**Title:** “Search in subcategories” checkbox is not reachable using keyboard (TAB navigation)

**Module:** Product Search / Advanced Search Page

**Environment:**

- Application: OpenCart (User Frontend)
- Browser: Chrome (tested on localhost)
- URL: = <http://localhost/opencart/upload/index.php?route=product/search&language=en-gb&search=%20%20%20%20%20>

**Pre-Condition**

User is on the Advanced Product Search page.

**Steps to Reproduce**

1. Open the application homepage.
2. Click the **Search icon** without entering any text.
3. The **Advanced Search page** opens.
4. Do **NOT** use the mouse.
5. Press the **TAB key repeatedly** to navigate through the form fields.

**Expected Result**

Keyboard focus should sequentially move through **all interactive controls**, including:

- Search in product descriptions (checkbox)
- Category dropdown
- **Search in subcategories (checkbox)**

User should be able to select the “Search in subcategories” checkbox using the **SPACEBAR**.

**Actual Result**

Keyboard focus moves from:

**Search in product descriptions → Category dropdown → Search button**

The “**Search in subcategories**” checkbox is **skipped** and cannot be selected using keyboard navigation.

## Impact

Keyboard-only users and users relying on assistive technologies (accessibility users) cannot enable subcategory search.

The feature becomes unusable without a mouse and violates basic usability and accessibility standards.

## Severity

Minor (Usability / Accessibility issue)

## Priority

Medium (P2)

The screenshot shows a standard OpenCart storefront. At the top, there's a header with a currency selector, user account information (123456789), and links for 'My Account', 'Wish List (0)', 'Shopping Cart', and 'Checkout'. Below the header is a blue navigation bar with categories: Desktops, Laptops & Notebooks, Components, Tablets, Software, Phones & PDAs, Cameras, and MP3 Players. A main search bar is centered above a content area. The content area has a heading 'Search -' followed by 'Products meeting the search criteria'. It displays a message: 'There is no product that matches the search criteria.' At the bottom of the page is a dark footer bar containing links for Information (Terms & Conditions, Delivery Information, About Us, Privacy Policy), Customer Service (Contact Us, Returns, Site Map), Extras (Brands, Affiliate, Specials), and My Account (My Account, Order History, Wish List, Newsletter).

This screenshot is identical to the one above, showing the same OpenCart storefront, search interface, and footer navigation. The only difference is the color scheme: the entire page, including the header, navigation bar, and footer, is rendered in a dark mode theme.

This screenshot is identical to the ones above, showing the same OpenCart storefront, search interface, and footer navigation. The only difference is the color scheme: the entire page, including the header, navigation bar, and footer, is rendered in a dark mode theme.

\$ Currency ▾

123456789 My Account Wish List (0) Shopping Cart Checkout

opencart ..

Search

0 item(s) - \$0.00

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players

Home Search

Search -

Search Criteria

Keywords All Categories

Search in product descriptions  Search in subcategories

Search

Products meeting the search criteria

There is no product that matches the search criteria.

Information

Terms & Conditions

Delivery Information

About Us

Privacy Policy

Customer Service

Contact Us

Returns

Site Map

Extras

Brands

Affiliate

Specials

My Account

My Account

Order History

Wish List

Newsletter

**Bug ID:** OPEN\_CART\_BUG\_6

**Title:** Product can be added to cart with quantity value 0

**Module:** Shopping Cart / Product Page

**Severity:** Major

**Priority:** High

**Defect Type:** Functional / Business Logic Validation

### Steps to Reproduce

1. Open the application.
2. Search for **MacBook**.
3. Open the product page.
4. Clear default quantity (1).
5. Enter **0** in Qty field.
6. Click **Add to Cart**.

### Expected Result

System should display validation message:

“Quantity must be greater than 0”

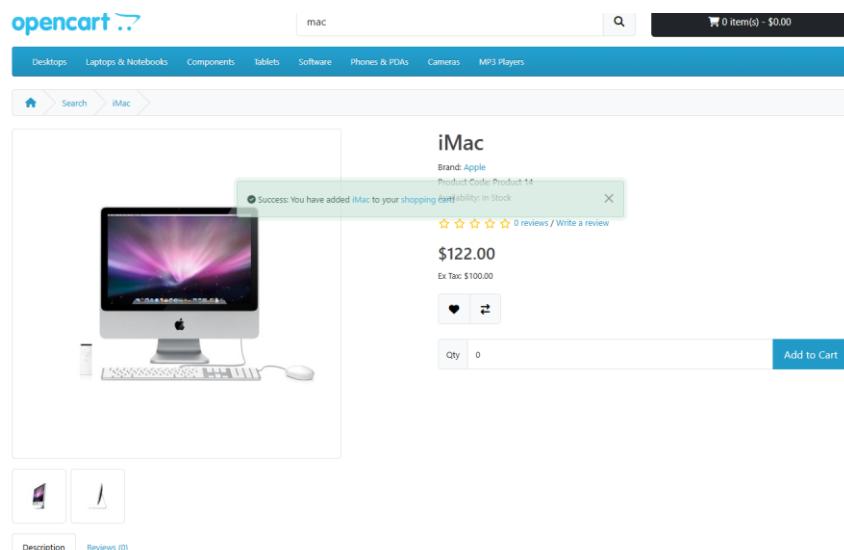
Product should NOT be added to cart.

### Actual Result

System displays success message “Product added to cart”.

### Impact

Cart may contain invalid order quantity and cause incorrect order processing or billing issues.



\$ Currency ▾

123456789 My Account Wish List (0) Shopping Cart Checkout

**opencart ..**

Search

0 item(s) - \$0.00

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players

Home Shopping Cart

## Shopping Cart

Your shopping cart is empty!

Continue

---

**Information**

- Terms & Conditions
- Delivery Information
- About Us
- Privacy Policy

**Customer Service**

- Contact Us
- Returns
- Site Map

**Extras**

- Brands
- Affiliate
- Specials

**My Account**

- My Account
- Order History
- Wish List
- Newsletter

Powered By OpenCart  
Your Store © 2026