

# OpenCart Bug Reports for Login and Register Pages

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# 1 Bug Report 1: Special Characters Allowed in First Name and Last Name Fields During Registration

## 1.1 Details

- **Jira Issue Key:** OC-BUG-001
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** High
- **Severity:** Major
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** User can register with special characters in First Name and Last Name fields, violating input validation rules.

## 1.2 Description

During registration on <https://www.opencart.com>, the system allows special characters (e.g., @, #, %, &) in the First Name and Last Name fields, which should be restricted to alphanumeric characters only. This can lead to inconsistent data storage and potential security issues like injection attempts. This was identified during functional testing of the Sign Up module.

## 1.3 Steps to Reproduce

1. Navigate to <https://www.opencart.com>.
2. Click on "Log in" at the right top corner.
3. Click on "Register".
4. Input special characters in First Name (e.g., Rahul@#%) and Last Name (e.g., das &%\$).
5. Fill other required fields with valid data (e.g., valid email, password).
6. Solve CAPTCHA and click "Register".

## 1.4 Expected Result

The system should not accept the input, display an error message (e.g., "First Name and Last Name can only contain letters and spaces"), and prevent form submission.

## 1.5 Actual Result

The form submits successfully, and registration completes without any validation error for the name fields.

## 1.6 Environment

- **Browser:** Google Chrome (latest)
- **OS:** Windows 10
- **URL:** <https://www.opencart.com/register>

## 1.7 Attachments

Screenshot of successful registration with special characters in names.

## 1.8 Fix Version/s

N/A

# 2 Bug Report 2: Numeric Values Allowed in First Name and Last Name Fields During Registration

## 2.1 Details

- **Jira Issue Key:** OC-BUG-002
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** High
- **Severity:** Major
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Numeric characters are permitted in First Name and Last Name, bypassing name validation.

## 2.2 Description

The registration form on the OpenCart site incorrectly allows purely numeric values in name fields, which should be validated to accept only letters (alphabetic characters) and spaces. This results in invalid user data and could affect downstream processes like reporting or personalization.

## 2.3 Steps to Reproduce

1. Navigate to <https://www.opencart.com>.
2. Click on "Log in" at the right top corner.
3. Click on "Register".
4. Input numeric values in First Name (e.g., 0124565) and Last Name (e.g., 125463).
5. Fill other required fields with valid data.
6. Solve CAPTCHA and click "Register".

## 2.4 Expected Result

Registration should fail with an error message indicating that names must contain only letters, and the form should not submit.

## 2.5 Actual Result

Registration proceeds successfully, creating an account with numeric names.

## 2.6 Environment

- **Browser:** Mozilla Firefox (latest)
- **OS:** macOS
- **URL:** <https://www.opencart.com/register>

## 2.7 Attachments

Screenshot showing account creation confirmation with numeric names.

## 2.8 Fix Version/s

N/A

### 3 Bug Report 3: Decimal Numbers Accepted in First Name and Last Name Fields

#### 3.1 Details

- **Jira Issue Key:** OC-BUG-003
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** Medium
- **Severity:** Minor
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Decimal numeric inputs are validated incorrectly in name fields during signup.

#### 3.2 Description

Users can input decimal numbers (e.g., 10.214.46) in the First Name and Last Name fields, which should be rejected as names are expected to be textual only. This bug allows malformed data entry.

#### 3.3 Steps to Reproduce

1. Navigate to <https://www.opencart.com>.
2. Click on "Log in" at the right top corner.
3. Click on "Register".
4. Enter decimal numbers in First Name (e.g., 10.214.46) and Last Name (e.g., 24.56).
5. Complete other fields validly.
6. Click "Register" after CAPTCHA.

#### 3.4 Expected Result

Error popup for invalid name format, blocking submission.

### 3.5 Actual Result

Account created without errors.

### 3.6 Environment

- **Browser:** Microsoft Edge
- **OS:** Windows 11
- **URL:** <https://www.opencart.com/register>

### 3.7 Attachments

N/A

### 3.8 Fix Version/s

N/A

## 4 Bug Report 4: Alphanumeric Characters Allowed in Names Despite Validation Rules

### 4.1 Details

- **Jira Issue Key:** OC-BUG-004
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** High
- **Severity:** Major
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Mixed alphanumeric inputs pass validation for First Name and Last Name.

### 4.2 Description

The name fields accept alphanumeric combinations (e.g., Rahul506, Das53), which should be restricted to alphabets only to maintain data integrity.



### 4.3 Steps to Reproduce

1. Navigate to <https://www.opencart.com>.
2. Click "Log in" > "Register".
3. Enter alphanumeric in First Name (Rahul506) and Last Name (Das53).
4. Fill rest validly and submit.

### 4.4 Expected Result

Rejection with error for non-alphabetic characters.

### 4.5 Actual Result

Successful registration.

### 4.6 Environment

- **Browser:** Google Chrome
- **OS:** Linux Ubuntu
- **URL:** <https://www.opencart.com/register>

### 4.7 Attachments

Account dashboard screenshot post-registration.

### 4.8 Fix Version/s

N/A

## 5 Bug Report 5: Comma Characters Permitted in Name Fields

### 5.1 Details

- **Jira Issue Key:** OC-BUG-005
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** Medium
- **Severity:** Minor
- **Status:** New
- **Assignee:** Unassigned

- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Commas in First Name and Last Name are not blocked by validation.

## 5.2 Description

Punctuation like commas (e.g., rahul506,) is allowed in names, leading to poor data quality.

## 5.3 Steps to Reproduce

1. Navigate to <https://www.opencart.com/register> via login flow.
2. Input comma in names (e.g., rahul506, in First Name).
3. Submit form.

## 5.4 Expected Result

Error and block submission.

## 5.5 Actual Result

Form accepts and registers.

## 5.6 Environment

- **Browser:** Google Chrome
- **OS:** Windows 10
- **URL:** <https://www.opencart.com/register>

## 5.7 Attachments

N/A

## 5.8 Fix Version/s

N/A

# 6 Bug Report 6: Trailing Fullstop Allowed in Name Fields

## 6.1 Details

- **Jira Issue Key:** OC-BUG-006

- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** Low
- **Severity:** Trivial
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Fullstop at the end of names passes validation.

## 6.2 Description

Names ending with periods (e.g., rahul., das.) are accepted, which should be rejected to ensure proper name format.

## 6.3 Steps to Reproduce

1. Navigate to `https://www.opencart.com`.
2. Click "Log in" > "Register".
3. Enter name with trailing fullstop (e.g., rahul., das.).
4. Submit.

## 6.4 Expected Result

Validation error for invalid name format.

## 6.5 Actual Result

Form accepts and registers.

## 6.6 Environment

- **Browser:** Mozilla Firefox
- **OS:** macOS
- **URL:** `https://www.opencart.com/register`

## 6.7 Attachments

N/A

## 6.8 Fix Version/s

N/A

# 7 Bug Report 7: Invalid Email Domain Not Rejected During Registration

## 7.1 Details

- **Jira Issue Key:** OC-BUG-007
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** High
- **Severity:** Major
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Emails with invalid domains (e.g., gmail.c) are accepted for registration.

## 7.2 Description

Email validation fails to catch malformed domains, allowing invalid emails to be registered, potentially causing issues with account verification or communication.

## 7.3 Steps to Reproduce

1. Navigate to <https://www.opencart.com>.
2. Click "Log in" > "Register".
3. Enter email with invalid domain (e.g., rahul0057@gmail.c).
4. Fill other fields validly and submit.

## 7.4 Expected Result

Error for invalid domain, blocking submission.

## 7.5 Actual Result

Registration succeeds.

## 7.6 Environment

- **Browser:** Microsoft Edge
- **OS:** Windows 11
- **URL:** <https://www.opencart.com/register>

## 7.7 Attachments

N/A

## 7.8 Fix Version/s

N/A

# 8 Bug Report 8: Blank Email Field Blocks Registration Despite Being Non-Mandatory

## 8.1 Details

- **Jira Issue Key:** OC-BUG-008
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** Medium
- **Severity:** Minor
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Registration fails when Email field is left blank, treating it as mandatory.

## 8.2 Description

The email field is documented as optional, but leaving it blank triggers errors, preventing registration. This contradicts expected behavior and impacts user experience.

### 8.3 Steps to Reproduce

1. Navigate to `https://www.opencart.com`.
2. Click "Log in" > "Register".
3. Fill all required fields except email.
4. Submit.

### 8.4 Expected Result

Registration should succeed with blank email as it is non-mandatory.

### 8.5 Actual Result

Error displayed, and registration fails.

### 8.6 Environment

- **Browser:** Google Chrome
- **OS:** Windows 10
- **URL:** `https://www.opencart.com/register`

### 8.7 Attachments

Screenshot of error message.

### 8.8 Fix Version/s

N/A

## 9 Bug Report 9: Weak Passwords (e.g., 1234) Accepted During Registration

### 9.1 Details

- **Jira Issue Key:** OC-BUG-009
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Registration Page
- **Priority:** Critical
- **Severity:** Blocker
- **Status:** New

- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Short/weak passwords below strength requirements are permitted.

## 9.2 Description

Password policy enforcement is broken, allowing insecure passwords (e.g., "1234") that do not meet minimum strength requirements, posing a security risk.

## 9.3 Steps to Reproduce

1. Navigate to `https://www.opencart.com`.
2. Click "Log in" > "Register".
3. Enter weak password (e.g., 1234).
4. Fill other fields validly and submit.

## 9.4 Expected Result

Reject with error for weak password (e.g., "Password must be at least 6 characters and include a special character").

## 9.5 Actual Result

Registration succeeds with weak password.

## 9.6 Environment

- **Browser:** Google Chrome
- **OS:** Windows 10
- **URL:** `https://www.opencart.com/register`

## 9.7 Attachments

Screenshot of successful registration.

## 9.8 Fix Version/s

N/A

## 10 Bug Report 10: Invalid Credentials Do Not Display Specific Error Messages on Login

### 10.1 Details

- **Jira Issue Key:** OC-BUG-010
- **Project:** OpenCart Website (opencart.com)
- **Issue Type:** Bug
- **Component/s:** Login Page
- **Priority:** Medium
- **Severity:** Minor
- **Status:** New
- **Assignee:** Unassigned
- **Reporter:** Rahul Chandra Das
- **Created:** October 06, 2025
- **Summary:** Login with invalid email/password shows generic error, not field-specific.

### 10.2 Description

When attempting to log in with invalid credentials, the error message is vague and does not specify whether the email or password is incorrect, reducing usability and user clarity.

### 10.3 Steps to Reproduce

1. Navigate to `https://www.opencart.com`.
2. Click on "Log in" at the right top corner.
3. Enter invalid email (rahulbcgdn@gmail.com) and password (Rahul12345).
4. Click "Login".

### 10.4 Expected Result

Specific error message (e.g., "Invalid email or password").

### 10.5 Actual Result

Generic error message displayed, but login is blocked.



## 10.6 Environment

- **Browser:** Mozilla Firefox
- **OS:** macOS
- **URL:** <https://www.opencart.com/login>

## 10.7 Attachments

Screenshot of generic error message.

## 10.8 Fix Version/s

N/A

## 11 Additional Notes

- These bugs are derived from failed test cases in the provided OpenCart test suite (Sign In and Log In sheets).
- **Recommendation:** Prioritize password and email bugs (OC-BUG-007, OC-BUG-009) due to security implications.
- No account lockout after three login attempts was observed, but if required, a separate exploratory test is recommended.
- **Total Bugs Created:** 10 (9 for Register, 1 for Login).