

Bug Verification Report - Bug #1795: Invalid Email Format accepted

Date: 2026-01-09 Bug ID: #1795 Title: Invalid email format is accepted on Edit Contact Status: Fixed

Issue Description

Users reported that invalid email formats, such as test@com (missing a dot in the domain) or test@example..com (consecutive dots), were being accepted by the “Edit Contact” form.

Epic: #1598 Contact Management User Story: #1647 Edit or delete contact

Fix Implementation

Validation was strengthened in both the frontend (immediate feedback) and backend (API security).

Changes:

- **ContactFormModal.jsx (Frontend):**
 - Updated the email validation regex to `^[\^s@]+@[^\s@.]+\.[^\s@.]+$/`.
 - This regex requires at least one dot in the domain and forbids empty parts (consecutive dots).
- **endpoints.py (Backend):**
 - Added a `@validator('email')` to the ContactCreate Pydantic model.
 - Uses the same strict regex to ensure the API rejects invalid formats even if frontend validation is bypassed.

Verification Steps

Automated Test:

- **Script:** tests/repro_bug_1795.py
- **Results:**
 - [PASS] Rejected test@com (422 Unprocessable Entity)
 - [PASS] Rejected invalid-email (422)
 - [PASS] Rejected test@@example.com (422)
 - [PASS] Rejected test@example..com (422)
 - [PASS] Rejected @example.com (422)
 - [PASS] Rejected test@.com (422)
 - [PASS] Accepted test@example.com (200 OK)

Manual Verification:

1. Opened “Edit Contact”.
2. Entered bademail@com.
3. Clicked “Save Contact”.
4. **Result:** “Invalid email format (e.g. user@example.com)” error correctly displayed below the input. Save blocked.

Conclusion

The issue is resolved. Email validation is now strictly enforced across the application.