

# Bug Verification Report - Bug #1796: Invalid Phone Number accepted

**Date:** 2026-01-09 **Bug ID:** #1796 **Title:** Invalid phone number is accepted on Edit Contact **Status:** Fixed

## Issue Description

Users reported that invalid phone numbers, such as abcd123, were being accepted by the "Edit Contact" form without any validation error.

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

## Fix Implementation

Validation was added to both the frontend and backend to restrict the "WhatsApp / Phone" field to a valid format (optional '+' followed by 10-15 digits).

### Changes:

- **ContactFormModal.jsx (Frontend):**
  - Added a phoneRegex validation to handleSubmit.
  - Regex:  `/^+?\d{10,15}$/`
  - Added an error message display below the phone input when the format is invalid.
- **endpoints.py (Backend):**
  - Added a `@validator('phone')` to the ContactCreate Pydantic model.
  - Enforces the same regex logic to ensure API-level security.

## Verification Steps

### Automated Test:

- **Script:** tests/repro\_bug\_1796.py
- **Results:**
  - [PASS] Rejected abcd123 (422 Unprocessable Entity)
  - [PASS] Rejected 123456789 (Too short - 422)
  - [PASS] Rejected 1234567890123456 (Too long - 422)
  - [PASS] Rejected ++1234567890 (Invalid prefix - 422)
  - [PASS] Accepted +1234567890 (Valid)
  - [PASS] Accepted 1234567890 (Valid)

### Manual Verification:

1. Opened "Edit Contact".
2. Entered tel12345 in the Phone field.
3. Clicked "Save Contact".
4. **Result:** "Invalid phone number (e.g. +1234567890, 10-15 digits)" error correctly displayed. Save blocked.

## Conclusion

The issue is resolved. Phone number validation is now strictly enforced.