

Bug Verification Report - Bug #1799: Field-level error messages missing on Edit Contact page

Date: 2026-01-09 Bug ID: #1799 Title: Field-level error messages missing on Edit Contact page Status: Fixed

Issue Description

Users reported that when invalid data was entered in “Edit Contact” mode, specific field-level error messages were missing. Backend errors (like duplicate contacts or invalid formats) were being shown as general alerts at the top, making it hard to identify the problematic field.

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

Fix Implementation

The error handling pipeline was refactored to support structured validation errors from the backend.

Changes:

- **ContactsList.jsx (Frontend Logic):**
 - Updated handleSaveContact to throw a structured error object containing the raw details from 422 (Pydantic) and 400 (Business Logic) responses.
- **ContactFormModal.jsx (UI):**
 - Updated handleSubmit to catch these structured errors and map them to the errors state object.
 - Added logic to parse Pydantic's loc array to identify the failing field.
 - Added specialized parsing for custom duplicate error strings (Name+Phone/Email collisions) to highlight both involved fields.
 - **UI Enhancements:** Added error display elements (red borders and <p> tags) to all fields, including Birthday, Anniversary, Gender, and Notes.

Verification Steps

Manual Verification Path:

1. **Duplicate Trigger:** Edit a contact’s name and phone to match another contact.
 - **Result:** Red borders appear around both “Full Name” and “WhatsApp / Phone”, with the specific collision message displayed below each.
2. **Invalid Format:** Enter an invalid phone number.
 - **Result:** Red border and “Invalid phone number...” message appear directly under the Phone field.
3. **Missing Mandatory:** Clear the “Full Name” field during edit.
 - **Result:** Red border and “Full Name is required” appear immediately.

Conclusion

The issue is resolved. The Edit Contact page now provides precise, field-level feedback for both client-side and server-side validation failures.