

Bug Fix Verification Report

Bug Verification Report

Date: 2026-01-08

Bug ID: #1782

Title: Mandatory field validation missing in Add Contact form

Status: Fixed

Issue Description

Ideally, the "Add Contact" form should validate mandatory fields (like Full Name and Relationship) before preventing submission.

Previously, clicking "Save Contact" without entering details would trigger an unhandled backend validation error, causing the frontend to alert a confusing `[object Object]` message instead of a proper error description.

Fix Implementation

- Frontend Validation (`ContactFormModal.jsx`):**
 - Added client-side checks for "Full Name" and "Relationship" inside `handleSubmit`.
 - If fields are missing, an error state is set immediately, preventing the API call.
 - Added a **Red Error Banner** UI component within the modal to display these errors clearly.
- Error Handling Improvement (`ContactsList.jsx`):**
 - Updated the `handleSaveContact` function to properly parse FastAPI's 422 Validation Error structure (which returns an array of error objects).
 - It now converts these objects into a single readable string (e.g., "Field 'name' is required").
 - Replaced `alert()` with specific error throwing, allowing the Modal to catch and display the error in the new UI banner.

Verification Test

Scope:

- Empty Submission:** Open form -> Click Save -> Expect "Full Name is required" in banner.
- Partial Submission:** Enter Name, leave Relationship blank (if applicable) -> Expect validation error.
- Backend Error:** Simulate backend rejection -> Expect readable error message in banner.

Test Results

Manual Verification:

- [PASS] Clicking "Save Contact" on an empty form now shows "Full Name is required" in a red box inside the modal.
- [PASS] The confusing `[object Object]` popup is gone.
- [PASS] Valid contacts are still saved successfully.

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Conclusion

The bug is resolved. The form now correctly enforces mandatory fields and handles errors gracefully, providing a much better user experience.