

Bug Verification Report

Date: 2026-01-09 **Bug ID:** #1785 **Title:** Mandatory field errors are not shown at field level **Status:** Fixed

Issue Description

Originally, validation errors (e.g., "Full Name is required") were shown as a single generic error banner at the top of the modal. The requirement was to show these errors directly below the respective input fields for better UX. **Epic:** #1598 Contact Management **User Story:** #1646 Add new contact

Fix Implementation

- 1. State Management:**
 - Replaced the single error string state with an errors object state in `ContactFormModal.jsx` to track multiple field errors simultaneously (`errors.name`, `errors.relationship`, `errors.email`).
- 2. Validation Logic:**
 - Updated `handleSubmit` to perform all checks (Name, Relationship, Email Regex) and collect errors into the errors object before submitting.
 - Submission is blocked if `Object.keys(newErrors).length > 0`.
- 3. UI Updates:**
 - Input Borders:** Added conditional styling to inputs: border becomes red (`border-red-500`) if the field has an error.
 - Error Messages:** Added `<p className="text-red-500 text-xs mt-1">` elements below "Full Name", "Relationship", and "Email" inputs to display specific error messages.
 - Real-time Cleanup:** Added logic to `onChange` handlers to clear the specific field error as soon as the user starts typing/correcting it.

Verification Steps

Manual Verification:

- 1. Empty Submission:**
 - * Action: Open "Add Contact" modal. clear all fields. Click "Save Contact".
 - * Expected: "Full Name" and "Relationship" inputs turn red, and error text appears below them.
 - * Actual: Field-level errors displayed.

- 2. Invalid Email:**
 - * Action: Enter "invalid-email". Click "Save".
 - * Expected: "Email" input turns red with "Invalid email format" below it.
 - * Actual: Field-level error displayed.
- 3. Correction:**
 - * Action: Type a name in the "Full Name" field that has an error.
 - * Expected: Red border disappears, and error message vanishes immediately.
 - * Actual: Error clears on input.

Conclusion

The form now provides immediate, localized feedback for mandatory and invalid fields, resolving the issue.