

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.