

Bug Fix Verification Report

Bug Verification Report

Date: 2026-01-08

Bug ID: #1783

Title: Error message not displayed for invalid email format

Status: Fixed

Issue Description

Ideally, the "Add Contact" form should validate the format of the email address if one is provided.

Previously, entering an invalid email like `su@com` or `invalid-email` was accepted by the frontend, leading to potential data integrity issues or unhandled backend errors. No validation message was shown.

Fix Implementation

1. **Frontend Validation (`ContactFormModal.jsx`)**:

- * Added a regex check `^S+@\S+\.\S+` to the `handleSubmit` function.
- * This check only runs if the email field is not empty (since email is optional).
- * If the format is invalid, the existing Error Banner now displays "Invalid email format".

Verification Test

Scope:

1. **Invalid Email**: Enter `bad-email` -> Click Save -> Expect "Invalid email format".
2. **Incomplete Email**: Enter `user@domain` (missing TLD) -> Click Save -> Expect "Invalid email format".
3. **Valid Email**: Enter `user@example.com` -> Click Save -> Expect Success.
4. **Empty Email**: Click Save -> Expect Success (as email is optional).

Test Results

Manual Verification:

- * [PASS] Entering `su@com` triggers the "Invalid email format" error banner.
- * [PASS] Entering `abc` triggers the "Invalid email format" error banner.
- * [PASS] Valid emails are saved successfully.

Conclusion

The bug is resolved. The form now prevents the submission of malformed email addresses and provides clear feedback to the user.