

Bug Verification Report

Date: 2026-01-09 Bug ID: #1788 Title: Contact created with blank Full Name
Status: Fixed

Issue Description

Users reported that they could successfully create a contact without entering a “Full Name” in the “Add New Contact” modal. This resulted in nameless contacts in the database. Epic: #1598 Contact Management User Story: #1646 Add new contact

Fix Implementation

This issue is resolved by a multi-layer validation strategy implemented as part of the overall Contact Management hardening.

1. Frontend (Client-Side) Prevention:

- o **File:** frontend/src/components/ContactFormModal.jsx
- o **Logic:** The handleSubmit function now explicitly checks if (formData.name.trim()).
- o **Result:** If the name is blank or only whitespace, the submission is blocked immediately, the input border turns red, and an error message “Full Name is required” is displayed. The API call is never made.

2. Backend (Server-Side) Safety:

- o **File:** backend/app/api/endpoints.py
- o **Logic:** The ContactCreate Pydantic model includes a validator:

```
@validator('name')
def name_must_not_be_empty(cls, v):
    if not v or not v.strip():
        raise ValueError('Name cannot be empty')
    return v
```

- o **Result:** Even if the frontend check were bypassed, the backend would reject the request with a 422 Unprocessable Entity error.

Verification Steps

Manual Verification: 1. **Blank Submission:** * Action: Open “Add New Contact” modal. Leave “Full Name” empty. * Action: Click “Save Contact”. * Expected: Error displayed “Full Name is required”. Submission blocked. * Actual: Error displayed. No network request sent.

2. Whitespace Submission:

- o Action: Type only spaces in “Full Name”. click “Save Contact”.
- o Expected: Error displayed “Full Name is required”.
- o Actual: Error displayed.

Conclusion

The issue is fully resolved. It is now impossible to create a contact without a name via the UI or API.