

Bug Verification Report - Bug #1810: Date Filter Missing on Contacts Search & Filter

Date: 2026-01-09 **Bug ID:** #1810 **Title:** Date Filter Missing on Contacts Search & Filter **Status:** Fixed

Issue Description

The “Contacts” page was missing a way to filter contacts by date (specifically by month), as required by the acceptance criteria. This made it difficult for users to plan for upcoming events in a specific month.

Epic: #1598 Contact Management **User Story:** #1649 Search and filter contacts

Fix Implementation

Both the backend API and the frontend UI were updated to support month-based filtering.

Changes:

- **backend/app/api/endpoints.py:**
 - Updated the `get_contacts` endpoint to accept an optional `month` (1-12) parameter.
 - Implemented filtering using SQLAlchemy’s `extract` function. The filter checks across three date fields:
 - `birthday`
 - `anniversary`
 - `custom_occasion_date`
 - Imported `extract` from `sqlalchemy` to enable this functionality.
- **frontend/src/components/ContactsList.jsx:**
 - Added a `monthFilter` state to track the user’s selection.
 - Added a new dropdown menu in the search/filter bar with options for “All Months” and each individual month (January-December).
 - Updated the `useMemo` hook for `queryString` to include the `month` parameter.
 - Integrated the `monthFilter` into the `useSWR` fetching logic, ensuring that any change in the filter triggers a refined data fetch.

Verification Steps

Manual Verification

1. **Filter by Month:**
 - Navigated to the “My Contacts” page.
 - Selected “January” from the new “All Months” dropdown.
 - **Expected Result:** Only contacts with an event (Birthday, Anniversary, or Custom Occasion) in January were displayed.
2. **Combined Filters:**
 - Searched for “John” and selected “February” as the month.
 - **Expected Result:** Only contacts named “John” with an event in February were shown.
3. **Cross-Field Filtering:**
 - Verified that a contact with a birthday in March appears when “March” is selected, and similarly for anniversaries/custom occasions.

Conclusion

The issue is resolved. Users can now easily filter their contacts by month, fulfilling the user story requirements.