Test Proof: Dashboard Usage Summary (#1657)

Date: 2025-12-30 **Execution Environment**: Local Development (Mac OS) **Test File**: backend/tests/test_usage_summary_story.py

User Story Details

Description: Display usage summary (Stats). **Acceptance Criteria Verified**: 1. Shows: Total Contacts. 2. Shows: Upcoming Events (Pending Wishes). 3. Shows: Messages Scheduled. 4. Shows: Messages Sent.

Execution Log

platform darwin -- Python 3.9.20, pytest-8.4.2, pluggy-1.5.0
rootdir: /Users/trickshot/Desktop/AI_based_tools/Wishing_tool/backend
plugins: anyio-4.9.0, typeguard-2.13.3, langsmith-0.3.42
collected 5 items

tests/test_usage_summary_story.py .....   [100%]

=================== 5 passed, 8 warnings in 3.49s ===================

Test Cases Covered

1. **test_stats_initial_zero**: Verified new user has 0 stats across all metrics.
2. **test_stats_with_data**: Verified accurate counts after adding contacts and scheduled wishes.
3. **test_stats_status_change**: Verified counts shift correctly when status moves from 'pending' to 'sent' (Scheduled -> Sent).
4. **test_stats_isolation**: Verified users only see their own data.
5. **test_stats_increments**: Verified numbers increment in real-time as data is added.