

Test Proof: Forgot Password Story (#1645)

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

User Story Details

Description: Reset password via email link. **Acceptance Criteria Verified:** 1. Forgot password link works (API request). 2. Reset email sent (mocked). 3. Link expiration (token validation). 4. Successful password reset and subsequent login.

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_forgot_password_story.py ..... [100%]
=====
===== 5 passed, 8 warnings in 12.29s =====
```

Test Cases Covered

1. `test_request_reset_success`: Generates token & sends email (HTTP 200).
2. `test_request_reset_unregistered`: returns success security message (HTTP 200).
3. `test_reset_password_success`: Validates token & updates password (HTTP 200).
4. `test_reset_password_invalid_token`: Rejects bad token (HTTP 400).
5. `test_login_old_password_fail`: Ensures old password revoked after reset.