

TestRail Report – Snapshot 4

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Overview

This document includes the results of Snapshot 4 testing for the LAPD1 Transcript Analysis System. Tests in this phase focused on UI/UX refinements, file validation, user notifications, session timeout handling, and role-based access control.

Snapshot Summary Image

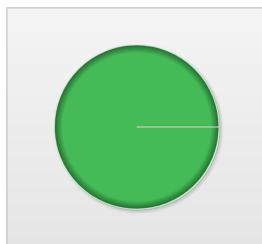






Snapshot 4 – TestRail Report

Project: LAPD1 Transcript Analysis System
By Haonan Ma, 5/8/2025 5:34 PM

This report summarizes the final test run conducted for Snapshot 4 of the LAPD1 Transcript Analysis System. It includes validation for UI/UX polish, notification features, duplicate file prevention, session timeout, file format restrictions, role-based access, and error recovery mechanisms.

Run: Snapshot 4 – Test Execution



	8 Passed 100% set to Passed
	0 Blocked 0% set to Blocked
	0 Retest 0% set to Retest
	0 Failed 0% set to Failed

100%
passed

0 / 8 untested (0%).

Test Cases

Test Case 1: System Notification on Analysis Completion

Type: Functional

Priority: Medium

Estimate: 3m

Preconditions: User is logged in and uploads a transcript for NLP analysis.

Steps:

1. Upload a transcript and start analysis.
2. Wait for the NLP process to complete.
3. Observe any in-app notification, toast, or modal.

Expected Result: The system displays a real-time notification once processing finishes.

Test Case 2: Block Duplicate File Uploads

Type: Functional

Priority: Medium

Estimate: 3m

Preconditions: A transcript has already been uploaded and analyzed.

Steps:

1. Upload a transcript file (e.g., “evidence1.pdf”) and complete analysis.
2. Attempt to upload the same file again.
3. Observe the system response.

Expected Result: The system blocks duplicate submissions and shows a warning.

Test Case 3: Dark Mode UI Toggle

Type: Functional

Priority: Low

Estimate: 2m

Preconditions: User is logged in and on any main interface screen.

Steps:

1. Locate and click the “Dark Mode” toggle switch.
2. Wait for UI theme update.
3. Interact with the interface.
4. Toggle back to light mode.

Expected Result: Theme switches properly and UI elements remain usable.

Test Case 4: Show Error for Unsupported File Type (.exe)

Type: Security

Priority: High

Estimate: 2m

Preconditions: Encrypted (password-protected) document is ready.

Steps:

1. Select a file with the '.exe' extension.
2. Click "Analyze" to attempt upload.
3. Observe the system response.

Expected Result: The system blocks the upload and shows an error.

Test Case 5: Session Timeout Auto-Logout

Type: Security

Priority: Medium

Estimate: 7m

Preconditions: User is logged in and leaves the session idle.

Steps:

1. Log in and remain idle.
2. Wait for timeout period.
3. Observe system behavior.

Expected Result: System logs the user out and redirects to login page.

Test Case 6: Save and Resume Draft Upload

Type: Functional

Priority: Medium

Estimate: 5m

Preconditions: Upload process or metadata form is started.

Steps:

1. Begin uploading a file or filling out metadata.
2. Refresh or navigate away.
3. Return to the page.

Expected Result: Previously entered content and uploads are preserved.

Test Case 7: Role-Based Admin Access Control

Type: Security

Priority: High

Estimate: 5m

Preconditions: Multiple user roles exist: viewer, editor, admin.

Steps:

1. Try accessing admin panel with each role.
2. Observe access control behavior.

Expected Result: Only admin users can access admin panel. Others are denied.

Test Case 8: Email Notification on Failed Analysis

Type: Functional

Priority: Medium

Estimate: 6m

Preconditions: Corrupted or invalid transcript file is available.

Steps:

1. Upload a problematic file.
2. Trigger analysis failure.
3. Check email inbox.

Expected Result: System sends an email with failure reason and details.