

08.27.2025 — Change Request (Template Gallery: Background Refresh Logic)

Item	Priority	Estimate	Note

Overview

Currently, the Template Gallery only updates when a change is made to **Brand Rules**. With this update, we want the system to refresh **automatically in the background** when key brand or asset updates occur.

Problem

- Template Gallery shows stale content after asset replacements or primary brand updates.
- Users must manually trigger a Brand Rules update to see refreshed templates.
- This slows down workflows and creates confusion.

Solution

Update the Template Gallery refresh logic so it silently refreshes under more conditions.

New background refresh triggers:

1. A change is made to **Brand Rules** (existing behavior).
2. A user uploads **10 or more new Photography assets** (in one batch or cumulatively since last refresh).
3. A user changes a **Primary font, Primary color, or Primary logo**.

Behavior:

- Refresh runs **in the background** (non-blocking).
- Apply a **10-second debounce** so multiple quick actions don't cause repeated refreshes.
 - Possible to add a **10-min timeout** to prevent back-to-back refreshes

Acceptance Criteria

- Template Gallery refreshes automatically in the background when:
 - Brand Rules are changed.
 - 10 or more new Photography assets are uploaded.
 - A Primary font, Primary color, or Primary logo is changed.
- Refresh is non-blocking and debounced by 10 seconds.
- Deleting/replacing assets correctly triggers refresh once new assets are uploaded.
- QA verifies all trigger scenarios update Template Gallery without needing manual Brand Rules edit.