
Pentominoes

HeartSteal
Use-Case Specification: Delete Photos

Version 1.0

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Use-Case Specification: Delete Photos	Date: 18/07/2025

Revision History

Date	Version	Description	Author
18/07/2025	1.0	Initial version	Lưu Vĩnh Phát

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Use-Case Specification: Delete Photos

1. Use-Case Introduction

1.1 Brief Description

This use case describes how a user deletes one or more of their previously uploaded photos. The system removes the selected media from the user's gallery and associated feeds. Deletion is permanent and cannot be undone.

1.2 Primary Actor

Administrator

2. Flow of Events

2.1 Basic Flow

1. The user logs into the application.
2. The user navigates to their personal gallery or photo collection.
3. The system displays thumbnails or a list view of uploaded photos.
4. The user selects one or more photos to delete.
5. The user clicks the "Delete" button.
6. The system prompts for confirmation to avoid accidental deletion.
7. The user confirms the action.
8. The system permanently deletes the selected photo(s) and removes references from feeds or albums.
9. A success message is displayed to the user.

2.2 Alternative Flows

2.2.1 Select photo (From step 4)

1. If the admin attempts to delete without selecting any photo, the system displays:
"Please select at least one photo to delete."
2. The system remains on the gallery screen.

2.2.1.1 Cancel photo

1. If the admin chooses "Cancel" when prompted for confirmation, the deletion is aborted.
2. No changes are made, and the system returns to the photo gallery.

2.2.2 Unable to delete (From step 8)

1. If the system encounters an error during deletion (e.g., storage server issue), it displays:
"Unable to delete the photo(s). Please try again later."
2. The system logs the error for support purposes.

3. Special Requirements

- All deletions must be permanent and irreversible.
- The system must prompt for confirmation before proceeding with deletion.
- Deleted photos must be immediately removed from public feeds and any cached content.
- The deletion action must complete within 3 seconds for up to 10 photos.
- Photos should not be accessible via direct URLs after deletion.

4. Preconditions

- The user is authenticated and has access to their photo gallery.
- The selected photos belong to the user performing the action.

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5. Postconditions

- The selected photos are permanently removed from the system and no longer visible in the app or feeds.
- If the action was canceled, invalid, or failed, the photos remain unchanged.

6. Prototype

