
Pentominoes

HeartSteal
Use-Case Specification: Capture Photo

Version 1.0

HeartSteal	Version: 1.0
Use-Case Specification: Capture photo (User)	Date: 18/07/2025

Revision History

Date	Version	Description	Author
18/07/2025	1.0	The initial version of capture photo feature	Huỳnh Lê Duy Khánh

HeartSteal	Version: 1.0
Use-Case Specification: Capture photo (User)	Date: 18/07/2025

Table of Contents

1. Use-Case Name	4
1.1 Brief Description	4
1.2 Primary Actor	4
2. Flow of Events	4
2.1 Basic Flow	4
2.2 Alternative Flows	4
2.2.1 Change camera side (Step 3)	4
2.2.2 Camera permission request (Step 3)	4
2.2.3 Discard the photo (Step 4)	4
3. Special Requirements	4
4. Preconditions	4
5. Postconditions	4
6. Extension Points	4
6.1 Create the Post	4
7. Prototype	4

HeartSteal	Version: 1.0
Use-Case Specification: Capture photo (User)	Date: 18/07/2025

Use-Case Specification: Capture the photo

1. Use-Case Name

1.1 Brief Description

Users can take photos directly within the app using their device's camera.

1.2 Primary Actor

User.

2. Flow of Events

2.1 Basic Flow

1. User opens the app
2. The camera capture interface and Camera is opened
3. The user points the camera and presses the capture button.
4. User previews the photo

2.2 Alternative Flows

2.2.1 *Change camera side (Step 3)*

1. During photo capture, the user can switch between the front and rear cameras before taking the photo.

2.2.2 *Camera permission request (Step 3)*

1. If camera permission is not granted, show camera permission request.
2. If the permission is admitted, the camera capture interface and camera is opened.

2.2.2.1 Camera permission request is denied (Step 3.2)

1. If the camera permission is denied, the app returns the previous screen.

2.2.3 *Discard the photo (Step 4)*

1. If the user clicks to discard the photo, the photo is discarded and the app goes to the capture photo screen.

3. Special Requirements

- The camera must open in under 1 second
- The photo must be captured within 1 second after the user taps the capture button.

4. Preconditions

- Users must log in to the application.
- The app has camera permission granted

5. Postconditions

The photo is captured and temporarily stored in the app's memory.

6. Extension Points

6.1 Create the Post

After capturing a photo, the user can proceed to the **Create Post** feature, where they use the captured photo to compose and share a new post with their friends.

HeartSteal	Version: 1.0
Use-Case Specification: Capture photo (User)	Date: 18/07/2025

7. Prototype

