
Pentominoes

HeartSteal
Use-Case Specification: View Post

Version 1.0

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

Revision History

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

HeartSteal	Version: 1.0
Use-Case Specification: View Post (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 No post is shared (Step 1)	4
2.2.2 User is offline (Step 1)	4
3. Special Requirements	4
4. Preconditions	4
5. Postconditions	4
6. Extension Points	4
6.1 Like Posts	4
6.2 Download Posts	4
6.3 Reply Posts	4
7. Prototype	5

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

Use-Case Specification: View Post

1. Use-Case Name

1.1 Brief Description

Each shared photo becomes an interactive post where recipients can react with a heart.

1.2 Primary Actor

User

2. Flow of Events

2.1 Basic Flow

1. The user logs in or navigates to the "Posts" screen.
2. The system queries the backend for all posts visible to the user.
3. Backend returns a list of posts the user is allowed to see.
4. Posts are displayed chronologically.
5. User scrolls through posts.

2.2 Alternative Flows

2.2.1 *No post is shared (Step 1)*

1. If there are no posts shared with the user, show a notification that there is no post to see.
2. The app goes to the capture photo screen.

2.2.2 *User is offline (Step 1)*

1. If the user is offline, the system displays a message indicating that posts cannot be loaded.

3. Special Requirements

- Posts should be loaded in under 2 seconds on a stable connection.
- Only users who are authorized (selected friends) can view a post.

4. Preconditions

- The user must be logged into the application.
- User has received shared posts from friends
- The user is included in the visibility list for the post

5. Postconditions

- Posts from friends are shown in a feed. Users can react with a heart or reply with a message.

6. Extension Points

6.1 Like Posts

When a user views a post, they can optionally **react by tapping the heart icon**. This expresses their appreciation and sends feedback to the post owner.

6.2 Download Posts

While viewing a post, a user may choose to **download the shared photo** to their device

6.3 Reply Posts

During post viewing, users have the option to **send short text replies** to express how they feel about the post.

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

7. Prototype

