Pentominoes

HeartSteal
Use-Case Specification: Create Post

Version 1.0

Revision History

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

Table of Contents

Use-Case Specification: Create Post

1.   Use-Case Name

1.1   Brief Description

Users can create a post with a caption using the photo capture using the app or upload pictures in their device if they are Premium Users.

1.2   Primary actor

User

2.   Flow of Events

2.1   Basic Flow

1. The user selects a photo in the device or capture a photo
2. System shows a preview of the photo
3. User types of captions of the photo
4. The user clicks the "share" button to share the post.
5. The Post then is sent to the backend
6. Friends receive the Post from the backend and notify that they are received a post
7. Friends can retrieve and view the post.

2.2   Alternative Flows

2.2.1   Typing the caption (Step 3)

1. If the user types the capture excess maximum caption length, they can't type any more.

2.2.2   Share the post (Step 4)

1. If the Post can't be sent (the device is not connected to the internet), notify the user that they can't create the post
2. The app goes back to the previous screen (Upload photo or capture photo screen)

2.2.3   Receive the post (Step 6)

1. If the receivers are offline or out of connection, they backend want until they are online to send the post

3.   Special Requirements

- The post should be sent to the all receiver in under 10 seconds.

4.   Preconditions

- The user must be logged into the application.
- At least one image is available (captured or uploaded)

5.   Postconditions

- A new post is created with the selected photo and caption.

6.   Extension Points

6.1   Selects friend to view post

Before publishing a post, Premium users can choose specific friends from their friend list to share it with. This ensures that only the selected friends can view the post.

7. Prototype

← **New Post**   **Share**

Caption   0/280

Write a caption...