
Pentominoes

HeartSteal
Use-Case Specification: Upload Photo

Version 1.0

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

Revision History

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

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Use-Case Specification: Upload Photo

1. Use-Case Name

1.1 Brief Description

Allows **Premium Users** to upload a photo from their device's local storage when creating a post, instead of capturing a new one through the app's camera.

1.2 Primary Actor

Premium User.

2. Flow of Events

2.1 Basic Flow

1. Premium User opens the "Upload Post" screen.
2. The system opens the user's image gallery.
3. The user selects a photo.
4. The system displays a preview of the selected photo.

2.2 Alternative Flows

2.2.1 Upload photo restriction (Step 1)

1. If the user is a Regular User, the upload button is disabled.

2.2.2 Storage permission request (Step 2)

1. If the storage permission is not granted, the app requests permission to access storage
2. If the user admits the permission, the app opens an image gallery.

2.2.2.1 Storage permission request is denied (Step 2.2)

1. If the user denies the permission, the app goes back to the "Upload Post" screen.
2. If they try to access this feature, the app warns them that they can't upload the photo.

3. Special Requirements

- User can load the user from the device under 1 second

4. Preconditions

- The user must be logged into the application.
- At least one image is available in the storage of the device.
- Uploading photos is only accessed by Premium Users.

5. Postconditions

- The photo is uploaded to the app and can be used to create the post.

6. Extension Points

6.1 Create Post

After selecting and uploading a photo from their device storage, users can create a post featuring that photo to their friends.

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7. Prototype

