
Pentominoes

HeartSteal
Use-Case Specification: Reply Post

Version 1.0

HeartSteal	Version: 1.0
Use-Case Specification: Reply Post	Date: 18/07/2025

Revision History

Date	Version	Description	Author
18/07/2025	1.0	Provide a use case specification to reply to a Post	Võ Trung Hiếu

HeartSteal	Version: 1.0
Use-Case Specification: Reply Post	Date: 18/07/2025

Table of Contents

1. Use-Case Introduction	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 Closes the app before sending messages (step 4)	4
2.2.2 Message Too Long (step 5)	4
2.2.3 No internet connection (step 5)	4
3. Special Requirements	4
4. Preconditions	4
5. Postconditions	4

HeartSteal	Version: 1.0
Use-Case Specification: Reply Post	Date: 18/07/2025

Use-Case Specification: Reply Post

1. Use-Case Introduction

1.1 Brief Description

This use case describes how a user replies to their friends' posts through a message bar under each post.

1.2 Primary Actor

The User

2. Flow of Events

2.1 Basic Flow

1. The user logs into the application.
2. The user scrolls down to see the friends' post screens
3. There is a bar to type under every post.
4. The user selects the bar and then types what they want to say.
5. The user clicks the "send" icon when finished.
6. Then it gets back to the friends screen, and your reply will appear in the chat box and the photo being replied to will be displayed above the message.

2.2 Alternative Flows

2.2.1 Closes the app before sending messages (step 4)

1. If the user closes the app or locks the phone before sending the message, the text in the message bar is discarded. When they return, the input field will be empty, and the unsent text cannot be recovered.

2.2.2 Message Too Long (step 5)

1. If the user types more than 1000 characters, an error message is shown: "Replies are limited to 1000 characters."

2.2.3 No internet connection (step 5)

1. If your Internet connection is not available, your message will appear on your screen as a normal message, but it will be marked with a small red error indicator (e.g., an exclamation mark) showing that the message failed to send.

3. Special Requirements

- Messages must be no longer than 1000 characters.
- Replies are sent in real-time if the user has an internet connection.
- Each reply is timestamped and linked to the specific post.
- Emoji and basic formatting (line breaks) are supported.
- Images are not supported.

4. Preconditions

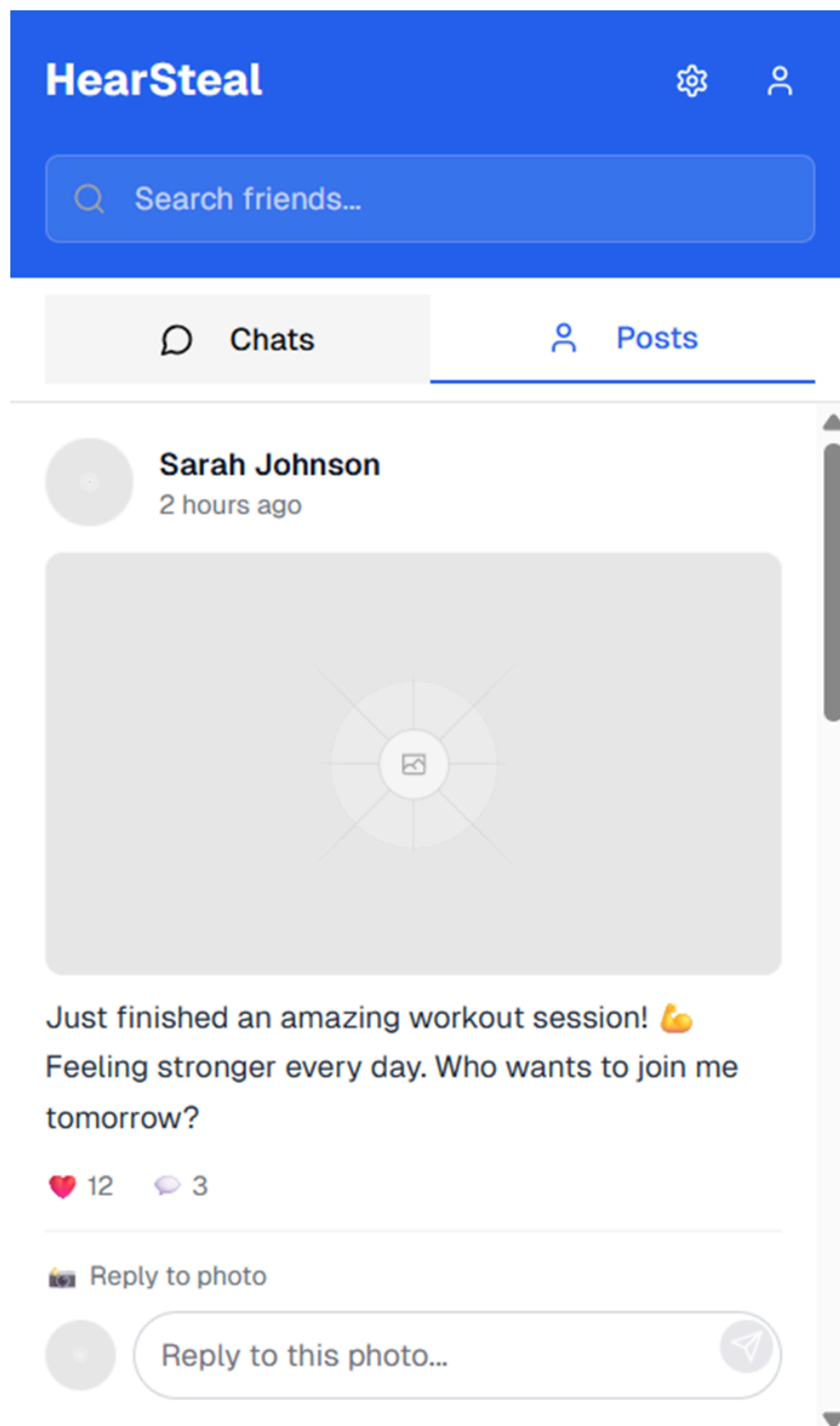
- The user must be logged into the application.
- The user must have access to the internet.
- The user must have at least one friend's post visible in their account.

5. Postconditions

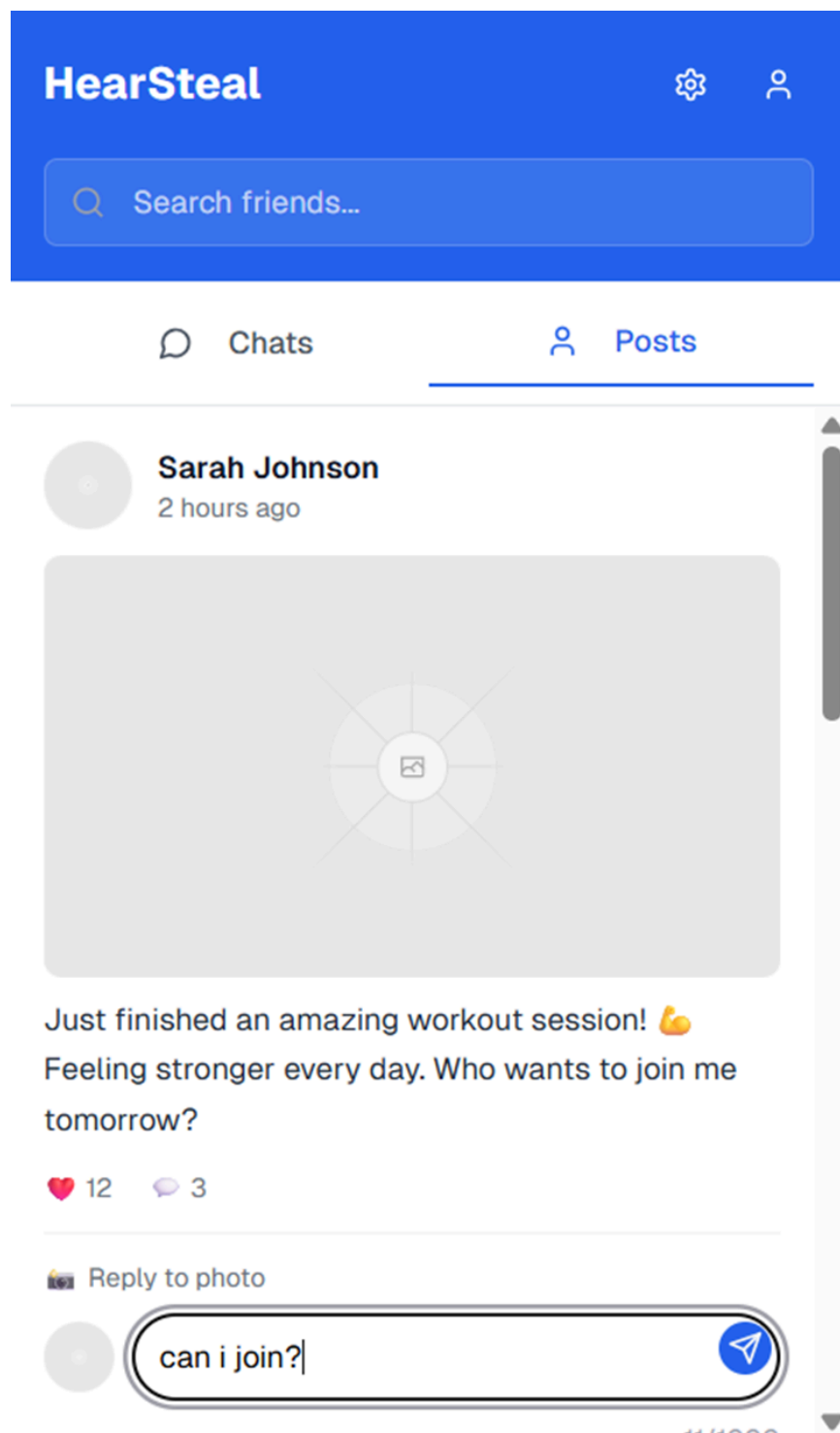
- The reply message is successfully stored and displayed in the message box

6. Prototype

HeartSteal	Version: 1.0
Use-Case Specification: Reply Post	Date: 18/07/2025



HeartSteal	Version: 1.0
Use-Case Specification: Reply Post	Date: 18/07/2025



HeartSteal	Version: 1.0
Use-Case Specification: Reply Post	Date: 18/07/2025

