
Pentominoes

HeartSteal
Use-Case Specification: Block/ Unblock friend

Version 1.0

HeartSteal	Version: 1.0
Use-Case Specification: Block/Unblock Friend	Date: 18/07/2025

Revision History

Date	Version	Description	Author
18/07/2025	1.0	Provide a use case specification to Block or Unblock a friend	Võ Trung Hiếu

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Use-Case Specification: Block/Unblock Friend

1. Use-Case Introduction

1.1 Brief Description


This use case describes how you block/ unblock a friend; a specific icon will appear in the friend list next to their name, indicating they are blocked. Neither you nor the blocked person will be able to view each other's posts or send messages, and if you unblock. If unblocked, both individuals will be able to view each other's posts and chat as normal.

1.2 Primary Actor

The User

2. Flow of Events

2.1 Basic Flow

1. The user logs into the application.
2. The user navigates to the Friends list.
3. To Block/ Unblock a friend, you simply long-press on the bar containing their name, and a menu will appear below, allowing you to select the 'Block/ Unblock' option.
4. A confirmation pop-up appears:
"Are you sure you want to block/ unblock this friend?"
5. The user confirms the action by tapping "Remove" or "Cancel".
6. The system processes the action. If blocked, the friend is immediately restricted from viewing the user's content or sending messages. If unblocked, full access is restored between both parties.
7. A confirmation message appears: "User has been Blocked" or User has been Unblocked.
8. A block icon (e.g., ) appears or disappears next to the friend's name accordingly.

2.2 Alternative Flows

2.2.1 User Cancels the Action (step 5)

1. If the user taps Cancel on the confirmation popup, no changes are made.

3. Special Requirements

- Blocked users: Cannot send messages, view posts, or interact with the user's content. They are hidden from the user's feed and home screen.
- The system should sync block status across devices and sessions.
- A blocked user will not be notified of the action.
- Blocking does not automatically remove the user from the friend list.
- If a user is blocked, reactions or comments they made in the past may be hidden.

4. Preconditions

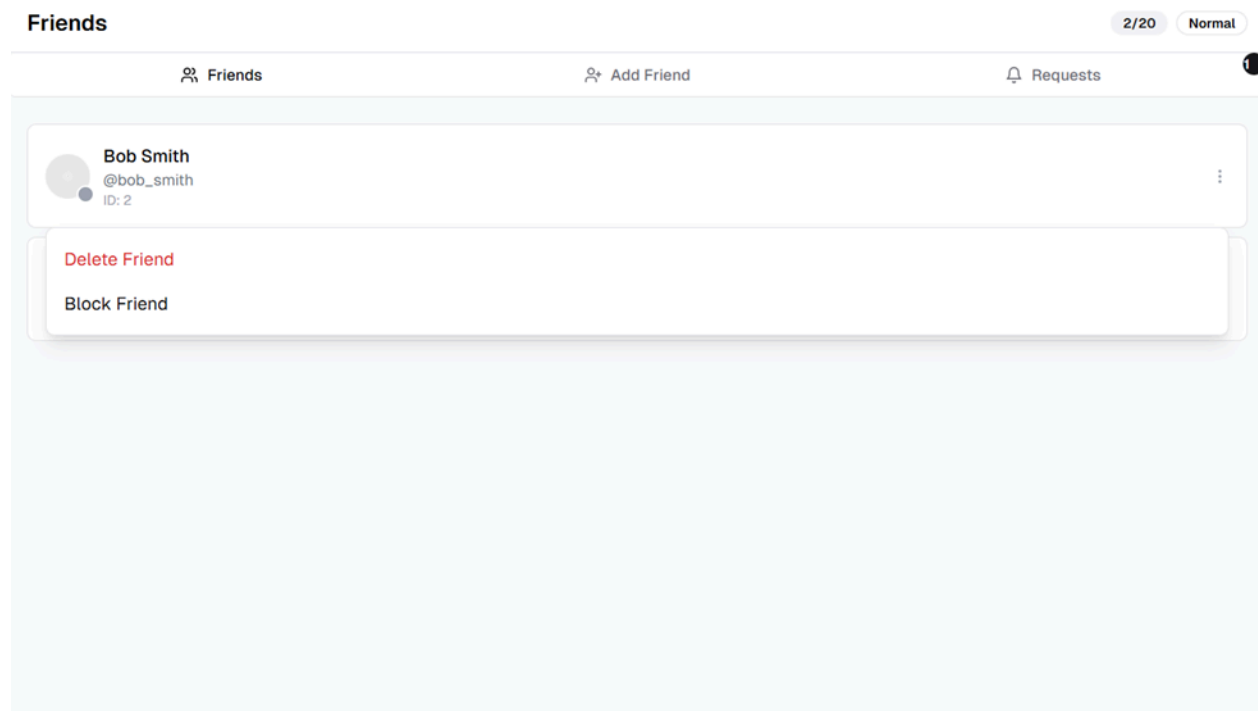
- The user must be logged into the HeartSteal app.
- The friend must exist in the user's friend list.
- The user has a working internet connection.
- The action must be initiated through the valid friend interface.

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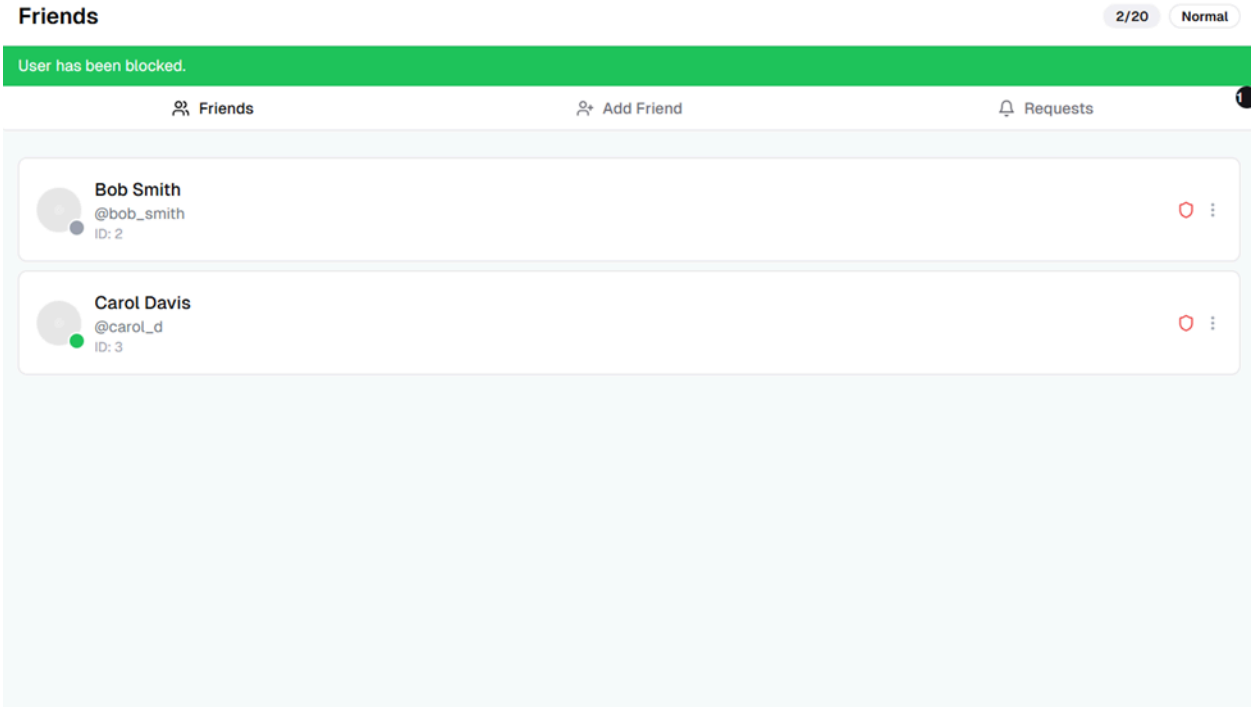
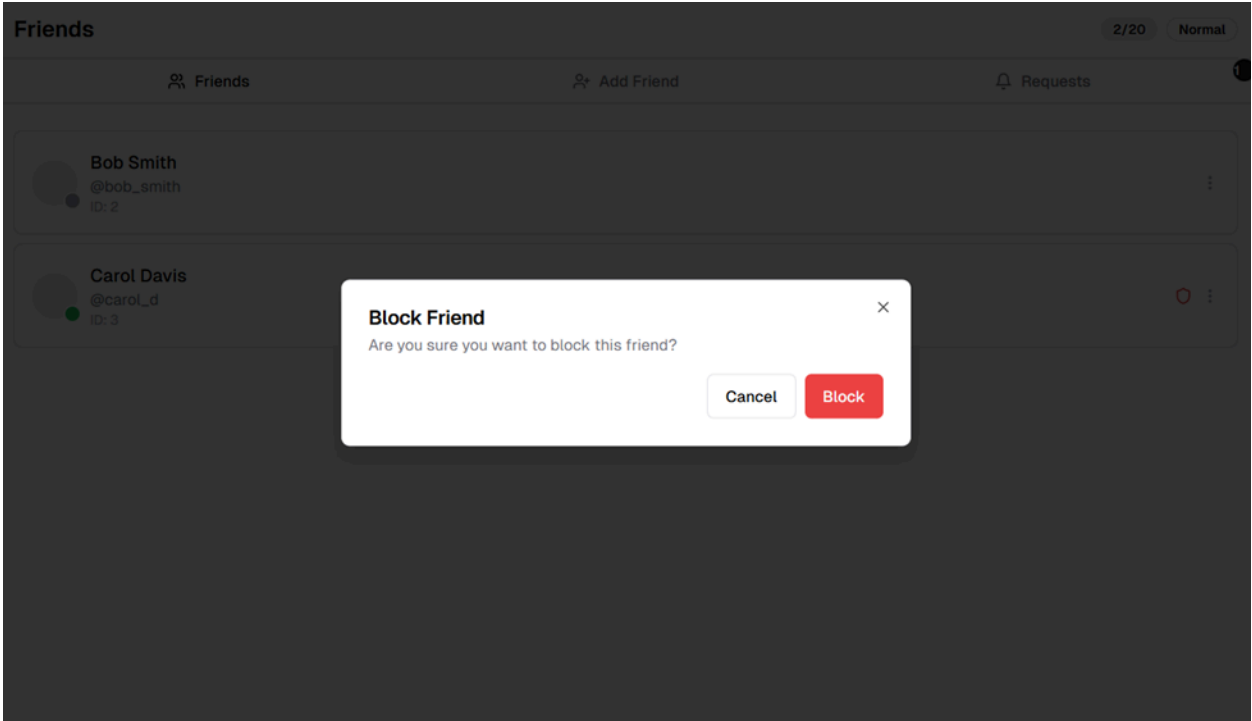
5. Postconditions

- The selected user is either: Blocked: they can no longer interact with or see the user's content. Unblocked: they regain access to view posts and send messages.
- The UI reflects the new block status with an appropriate icon or visual cue.
- The change is stored and applied across all sessions and devices.

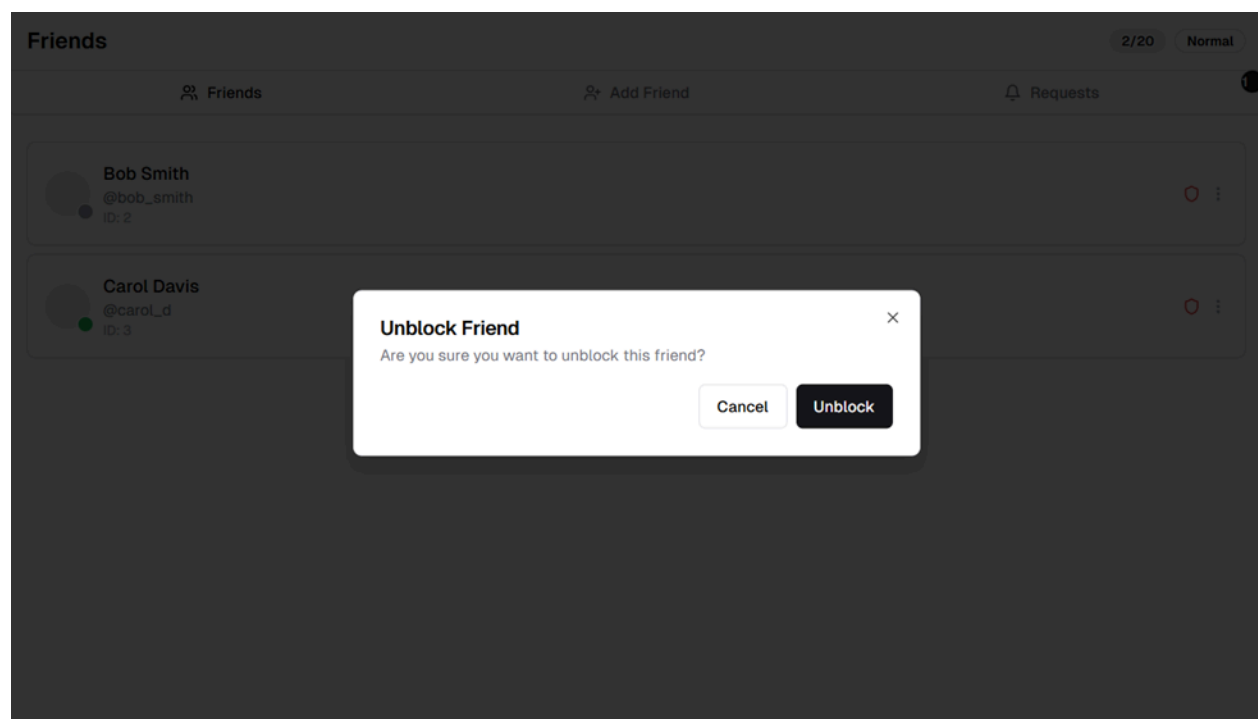
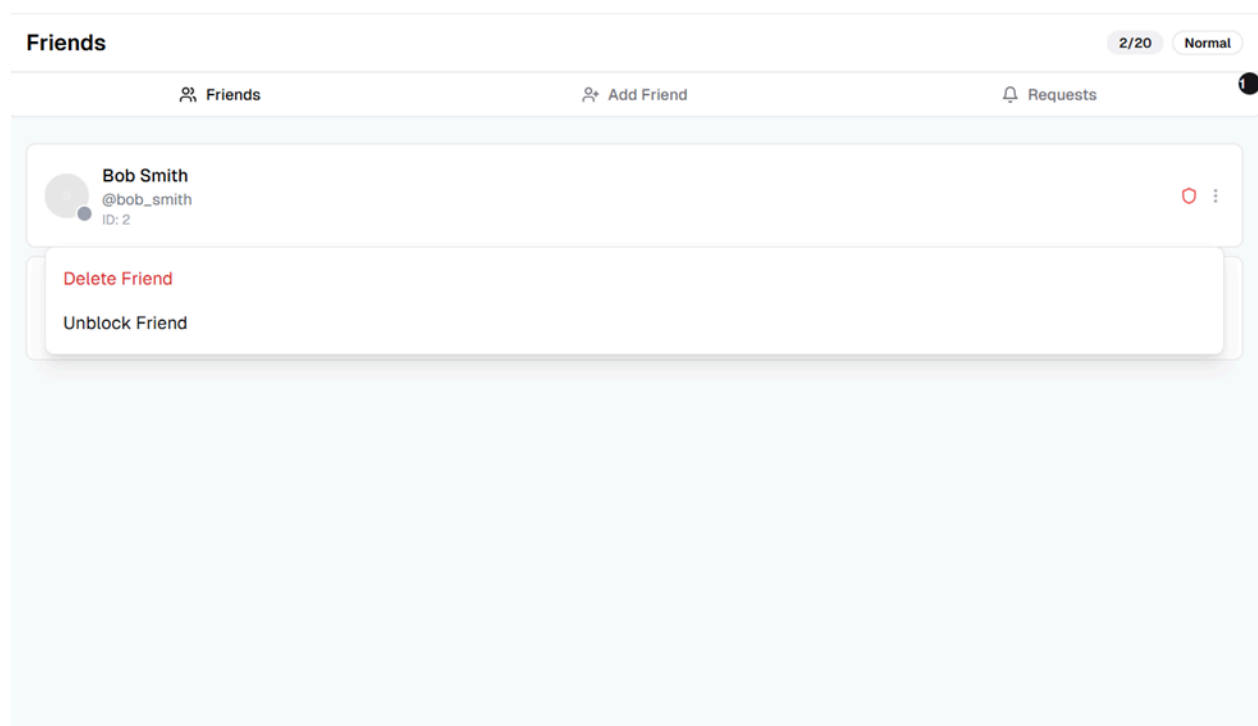
6. Prototype



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Friends

2/20Normal

User has been unblocked.

Friends

Add Friend

Requests

1

Bob Smith

@bob_smith

ID: 2

Carol Davis

@carol_d

ID: 3