
Pentominoes

HeartSteal
Use-Case Specification: Delete User Account

Version 1.0

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Use-Case Specification: Delete User Account	Date: 18/07/2025

Revision History

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1. Use-Case Introduction

1.1 Brief Description

This use case describes how an administrator deletes a user's account from the system. The administrator selects a user, reviews their information, confirms the action, and the system permanently removes the user's data and access credentials.

1.2 Primary Actor

Administrator

2. Flow of Events

2.1 Basic Flow

1. The administrator logs into the admin dashboard.
2. The administrator navigates to the "User Management" section.
3. The system displays a searchable list of registered users.
4. The administrator selects the user account to be deleted.
5. The system shows user details and prompts for confirmation.
6. The administrator confirms the deletion.
7. The system deletes the user account and all associated data.
8. A success message is displayed, and the system logs the action.

2.2 Alternative Flows

2.2.1 Check valid (From step 4)

1. If the entered user ID or username does not match any existing account, the system displays:
"User not found. Please check the username and try again."
2. The administrator may search again or cancel the operation.

2.2.1.1 Cancel deletion

1. If the administrator chooses not to proceed after reviewing the account, they may click "Cancel".
2. The system aborts the operation and returns to the user list.

3. Special Requirements

- The system must request explicit confirmation before deleting any account.
- Deletion must be irreversible and remove all user-generated data (e.g., posts, comments, profile).
- Actions must be logged with admin ID, timestamp, and user ID for auditing.
- Only administrators with delete privileges can access this function.

4. Preconditions

- The administrator is authenticated and has delete privileges.
- The target user account exists in the system and is not locked by legal or system constraints.

5. Postconditions

- The user account and associated data are permanently removed. The action is logged in the system audit log.
- If the deletion fails due to system error or policy restriction, the system logs the attempt and notifies the administrator.

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6. Prototype

