Pentominoes

HeartSteal
Use-Case Specification: Delete Account (User)

Version 1.0

Revision History

Date	Version	Description	Author
18/07/2025	1.0	Provide use case specification for the use case of allowing users to delete their own account	Hoàng Minh Giang

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Use-Case Specification: Delete Account (User)

1. Use-Case Introduction

1.1 Brief Description

This use case allows a user to permanently delete their account. Once deleted, all user-related data is removed, and the user can no longer log in with that account.

1.2 Primary Actor

The User

2. Flow of Events

2.1 Basic Flow

1. Use case starts when the user selects the "Setting" option from the main screen and chooses the Delete Account option.
2. The system displays a warning about data loss and asks for confirmation.
3. The user confirms the deletion request.
4. The system prompts the user to re-enter their password (or re-authenticate).
5. The user enters valid credentials.
6. The system validates the credentials.
7. The system deletes the account and associated data.
8. The system displays a confirmation that the account has been deleted.
9. The user tap “OK”
10. The system logs the user out and redirects them to the login screen.

2.2 Alternative Flows

2.2.1 User Cancel Deletion (Step 3)

1. The user decides not to proceed and taps “Cancel”.
2. The system returns to the previous screen without deleting the account.

2.2.2 Re-Authentication Fails (Step 6)

1. The user enters an incorrect password or fails authentication.
2. The system displays an error message and prompts the user to try again or cancel.
3. If the user retries and succeeds, return to Step 7 of Basic Flow.
4. If the user cancels, return to the account settings screen.

2.2.3 Delete Operation Failed (Step 7)

1. The system encounters a backend error during the delete operation.
2. The user sees: “Cannot Delete Account.”
3. The user is redirected to the Setting screen.

3. Special Requirements

- Nickname must be 3–30 characters long and must not contain symbols like `@`, `#`, `%`, etc.
- Avatar images must be JPEG or PNG and under 2MB.
- Avatar selection requires gallery/camera permissions.

4. Preconditions

- The user must be logged in.

5. Postconditions

- The user’s account and all related personal data are permanently deleted.
- The user is logged out and returned to the onboarding/login screen.

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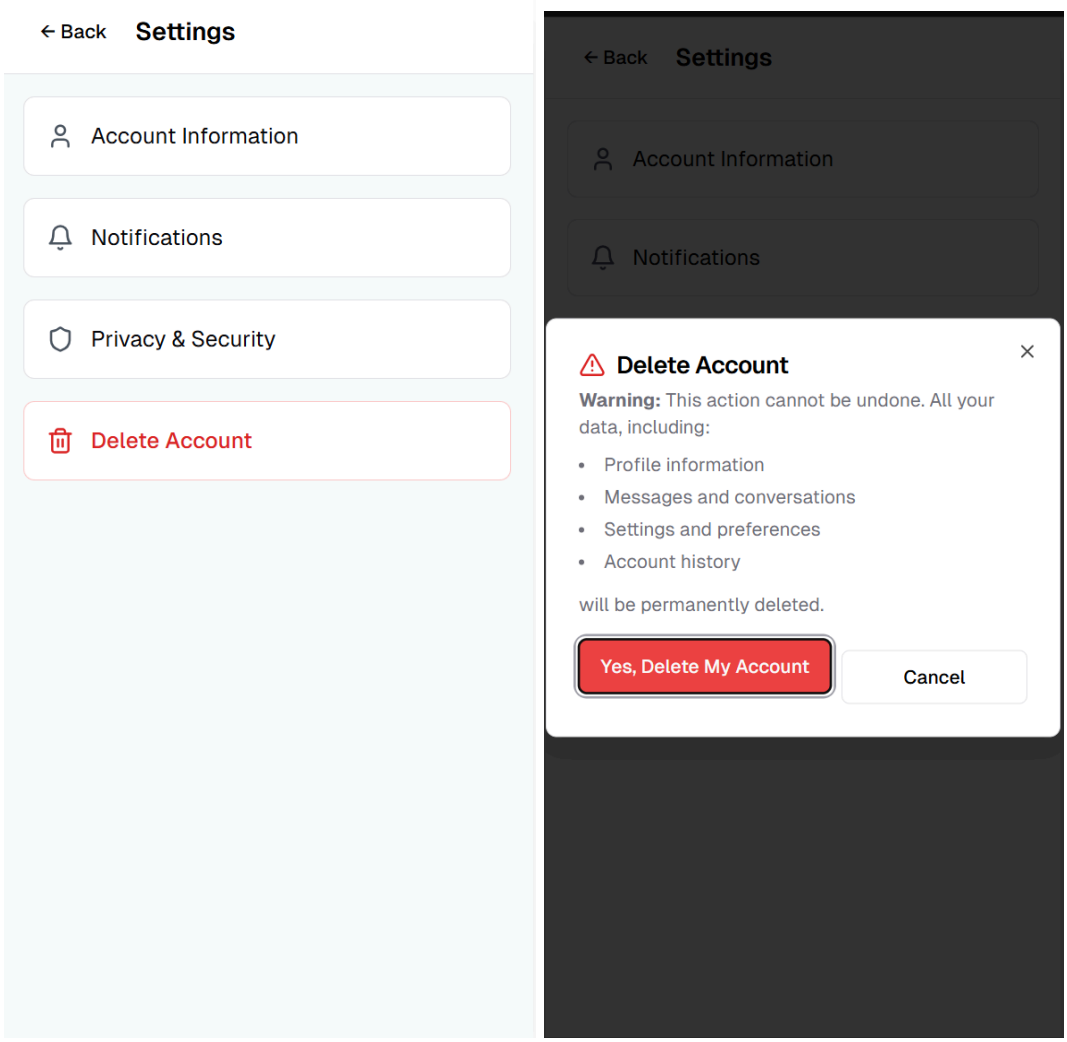
6. Prototype



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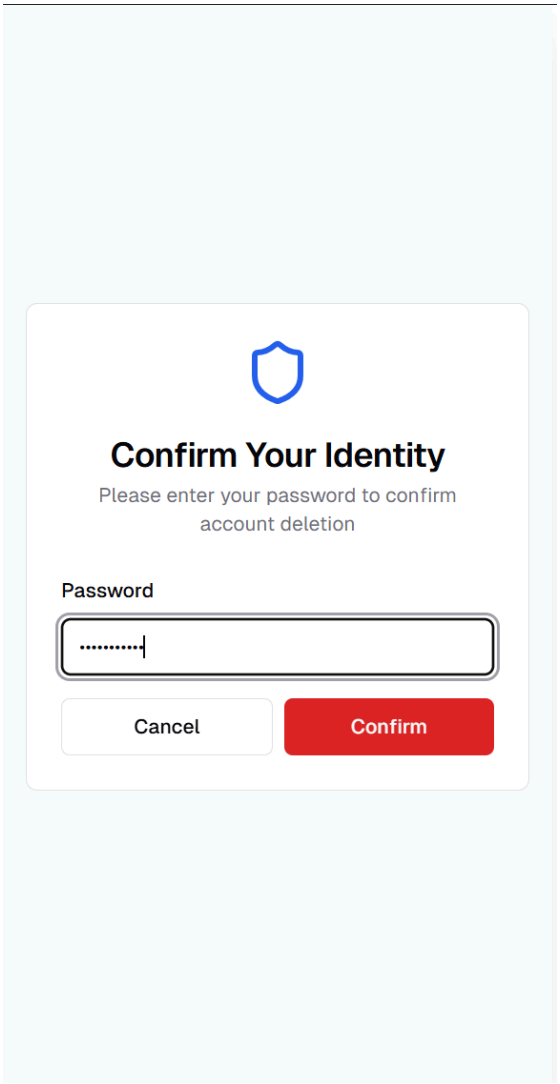

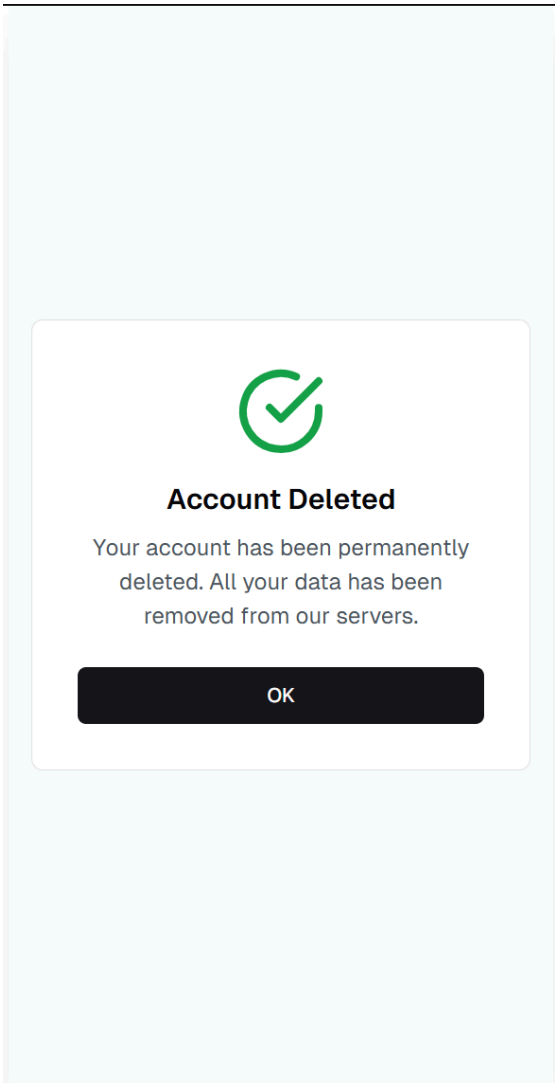

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