Pentominoes

HeartSteal
Use-Case Specification: Sign out

Version 1.0

Revision History

Date	Version	Description	Author
18/07/2025	1.0	Initial version created	Đoàn Lê Gia Bảo

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Use-Case Specification: Sign Out

1. Sign Out

1.1 Brief Description

Allows a signed-in user to securely log out of their account and return to the Log In screen.

1.2 Primary Actor

User

2. Flow of Events

2.1 Basic Flow

1. The user opens the Settings screen.
2. The system displays the Settings screen.
3. The user clicks on "Sign Out".
4. The system displays a message to confirm the sign out.
5. The user confirms the action.
6. The system signs the user out and redirects to the Log In screen.

2.2 Alternative Flows

2.2.1 User Cancels Sign Out

At step 4, if the user chooses not to confirm the sign out, the system cancels the operation and returns to the Settings screen.

2.2.2 No Internet Connection

At step 5, if the user attempts to change password without an active internet connection, the system displays a message: "Please try again later".

2.2.3 Server Not Responding

At step 5, if the server does not respond, the system displays a message: "Please try again later".

3. Special Requirements

- The system must display confirmation dialog within 1 second of clicking "Sign Out".
- The system must complete the sign-out process and redirect within 3 seconds after confirmation.
- All session tokens and cached sensitive data must be cleared upon sign-out.
- Input and buttons must be disabled during the sign-out request to avoid duplicate actions

4. Preconditions

- The user has the app installed.
- The user is successfully logged in.
- The user has access to the Settings screen.
- The system is online and responsive.

5. Postconditions

- If successful, the user is signed out and redirected to the Log In screen.
- If unsuccessful, the user remains logged in, and an error message is displayed with guidance for retrying.

6.   Prototype