Group02

Beatify
Use-Case Specification: Reset Password

Version 1.0

Revision History

Date	Version	Description	Author
13/11/2024	1.0	Initial version. Created use-case specifications for Reset Password including necessary fields, basic and alternative flows, and specific preconditions and postconditions.	Lê Gia Huy

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Use-Case Specification: Reset Password

1.   Use-Case Name: Reset Password
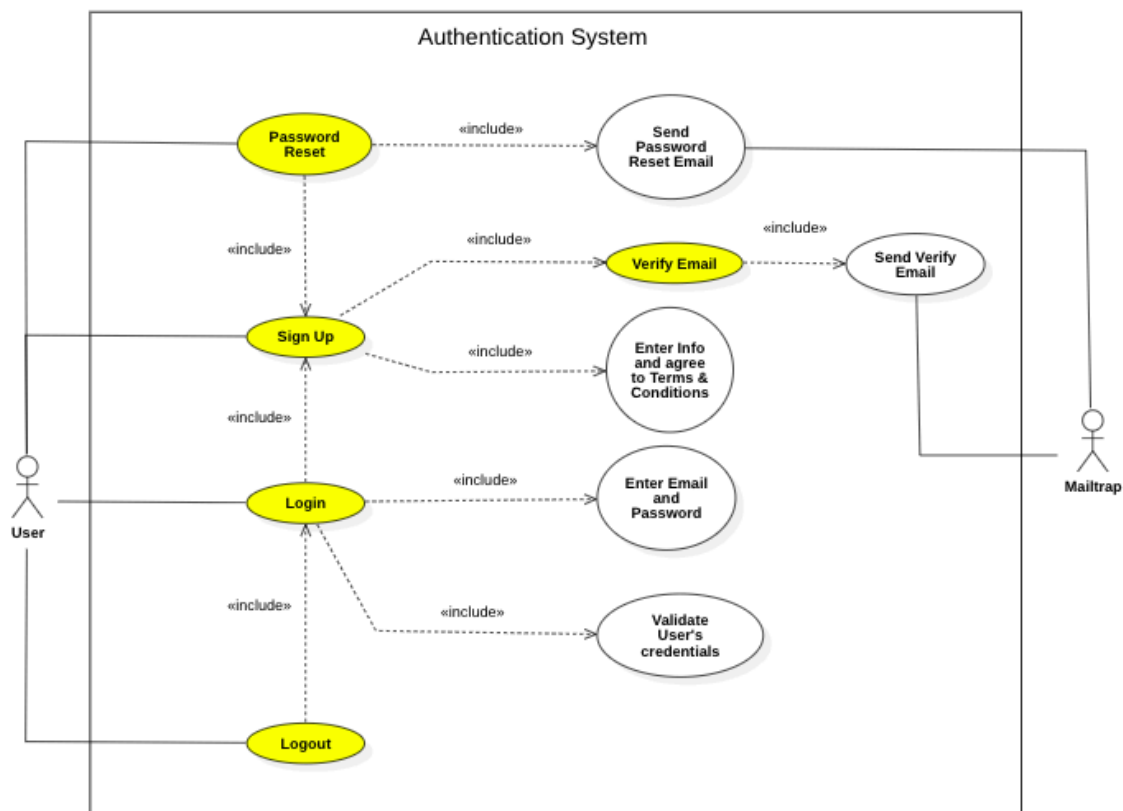
1.1   Brief Description

Allows a user who has forgotten their password to request a password reset email with a link to reset their password.

2.   Flow of Events

2.1   Basic Flow

1. The user submits their email to request a password reset.
2. The system checks if the user exists in the database.
3. If the user exists, the system generates a reset token and sets an expiration time.
4. The system uses Mailtrap to send a password reset email containing a link with the reset token.
5. Upon clicking the link, the user is directed to a reset password page where they provide a new password.
6. The system hashes and updates the user's password, then clears the reset token.

2.2 Alternative Flows

2.2.1 User Not Found

1. If the email does not match any user, the system responds with an error message.

3. Special Requirements

- Password hashing using *bcryptjs*.
- Reset token expiration set to 1 hour.
- Mailtrap is used as the email delivery service to handle password reset emails.

4. Preconditions

- User is registered.

5. Postconditions

- User's password is reset.

6. Extension Points

- None.