KOOLB

**Use-Case Specification:** Login

**Version 1.0**

**Revision History**

| **Date** | **Version** | **Description** | **Author** |
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**Use-Case Specification:** Login

# **Use-Case Name**

## **Brief Description**

The KoolB App login process is described in this use case.

Host, Renter, and Admin are the actors who begin this use case.

# **Flow of Events**

The actor enters a name and password on the login page to start the use case.

## **Basic Flow**

1. Users open app KoolB
2. The Login Page is displayed
3. Actors fill in username and password
4. The system validates username and password of actors, then logs him/her into the app.
5. The system displays Home Page corresponding to each role and end the use case

## **Alternative Flows**

### Invalid Passwords

1. At step 4, if password of actor is invalid, then trigger the first alternative flow
2. Display the message about invalid password
3. Require actors to correct password
4. Repeat this step until both username and password are valid
5. End use case

### Invalid Username

1. At step 4, if username of actor is invalid, then trigger the second alternative flow
2. Display the message about invalid username
3. Require actors to correct email or register username as new account
4. Repeat this step until both username and password are valid
5. End use case

### Forget Password

1. At step 4, if actors click the ‘Forget Password’ button, then trigger this flow
2. Display Change Password Screen
3. Ask actors to fill in new passwords
4. Change passwords for user
5. Navigate back to Login Page for users
6. End use case

# **Special Requirements**

## The version of Android and IOS

Android SDK must be at least 33

The oldest version of IOS must be at least 13.0

## Stable Internet Connection

In order to login successfully, users need to have a stable internet connection

# **Preconditions**

## The user has valid email

The username must exist as registered email in the app’s database; meaning that actors must registered account before they log in

# **Postconditions**

## Navigating immediately to Home Page

After logging in, users are navigated to Home Page according to his/her role

## Initial setup

The system set up user’s booking history, chat log, saved accommodation, etc and all other personal information

# **Extension Point**

## Register

1. If the account does not exist, the system asks the user to create an account.
2. If the user accepts to create an account, the application move user to registration page.