KOOLB

**Use-Case Specification:** Register

**Version** **1.0**

**Revision History**

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**Use-Case Specification:** Registration

# Register

## **Brief Description**

This use case describes how a new user registers into the KOOLB.  
The actors starting this use case are Host and Renter.

# **Flow of Events**

The use case begins when the actor types his/her username, password on the registration form. He/She can use other alternative ways such as google email, facebook.

## **Basic Flow**

1. The system validates username to check if it has been taken and password to check if it is strong enough. If he/she uses other alternative ways, the system checks if those accounts have already registered. Then, the system creates a new user based on the information.
2. The system displays the registration forms (including retype password) and icons of alternative ways below the form.

## **Alternative Flows**

### Invalid username

Issue: The field to type username is empty or the username may have been already taken. He/She need to change this.

### Invalid password

Issue: The password may not meet the condition and need to be changed

### The password is not strong enough

Issue: The user enters a password that does not meet the requirements of a strong password. The user is required to change the password.

### The string in retype-password field is different from the one in password

Issue: The user type the string in the retype-password field does not match the one in password. The user is required to enter the same password or change.

# **Special Requirements**

# Stable Internet Connection

The device must have a stable internet connection to register.

# **Preconditions**

## The username is not found in the login

The user tries to login but the username is not found in the system.

## The user uses the app for the first time

The user downloads and uses the app for the first time

# **Postconditions**

## The system allows the user to login immediately after registration

After satisfying all the requirements, the system allows the user to login immediately.

# **Extension Points**

## If the user have their account registered (email found)

If the user’s account has been found on the database, announce the user and ask to lead to login page.