KOOLB

**Use-Case Specification:** Booking

**Version 1.0**

**Revision History**

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

# **Use-Case Name**

## **Brief Description**

This use case describes how a user books a room in the system..  
The actor starting use case is Renter.

# **Flow of Events**

The use case begins when the renter click on the place in map

## **Basic Flow**

1. The renter choose the duration
2. The renter enters number of guests
3. The renter choose payment method
4. The renter accepts the options
5. The renter wait for the host to accept

## **Alternative Flows**

### **Invalid duration**

The renting duration is not valid and the renter is asked to choose again.

#### **Invalid duration due to the logic**

The renter may choose the end day before the start day. The renter is only required to choose again.

#### **Invalid duration due to the accommodation is not available in these days**

The renter is required to choose another day that accommodation is available.

### **The renter does not accept the options**

The system will go back to the options form and wait for the retenter to accept

### **The host does not accept**

### The renter will get a notification about the rejection of the host.

# **Special Requirements**

This section will be added later.

# **Preconditions**

## The renter must login or sign up first

The renter is required to login first or create an account if he/she is a new user.

## The renter must verify the payment

Before booking, the system asks the Renter to choose the payment method.

## The Renter must check in

For more convenience, the Renter verifies check in to let the Host know.

## The Renter must check out

The Renter must click check out to let the Host know

## The Renter can rating

After booking and checking out, the Renter can rate and leave the comment of the accommodation.

# **Postconditions**

## The system wait for the host to accept

The system will notify the host and wait for he/she accepts

# **Extension Points**

## The renter login or create an account

The system will let the user login or create a new account.

## The renter lost connection

At step 1, 2, 3, 4 in Basic Flow, if the renter is disconnected from the app because of many reasons, the system will save the option and wait for the renter to go back online.

## Chatbox

Renters can chat with hosts about the accommodation they consider to book in order to assure the quality before deciding whether or not they will book this accommodation.

## Cancel booking

The system updates the database and notify the Host to let them know of the cancellation. The system also allows Renter to write a message about why they canceled the booking.