KOOLB

**Use-Case Specification:** Search Rooms

**Version 1.0**

**Revision History**

| **Date** | **Version** | **Description** | **Author** |
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**Use-Case Specification:** Search room

# **Use-Case Name**

## **Brief Description**

The use case allows a renter to search rooms with their preferences which includes destination, time and the number of people staying.

The actor starting this use case is the Renter.

# **Flow of Events**

The use case starts when the renter touches the search bar hinted by “Where will you go?” placed at the top of the Home page screen

## **Basic Flow**

1. Home page shows a search bar along with recommendations.
2. The renter touches the search bar.
3. A dialog appears with a list of text boxes for information including: destinations, check-in date, check-out date and the number of people staying.
4. The renter fills in choices.
5. The renter presses the button “Find”,
6. The application will collapse the dialog, then retrieve and display a list of rooms available and with a map corresponding to renter’s choices in the homepage. Prices of each room are pinned on the map equivalent to its location.
7. The use case ends when the renter moves to another application page.

## Alternative Flow

### Not filling in choices

1. At step 4, if the renter does not fill in information in the dialog, then triggers the not filling choices flow.
2. The dialog is set with default choices.
3. Now, if the renter can press the button “Find”, and step 6 of Basic flow occurs. If not, the dialog will wait for the renter to fill in the information.

### Clear all choices

1. At step 5, if the renter presses the button “Clear all”, then triggers the “Clear all choices” flow.
2. This dialog will be back to its initial state.
3. Now, “Not filling in choices” flow occurs.

### Add a room to favorite list

1. There is a heart icon shown in every room displayed in the result of searching.
2. The renter presses the heart icon.
3. The room is added to the renter’s favorite list.

# Special Requirements

This section will be added later

# **Preconditions**

## Access the application

The renter must access the KOOLB application on their smartphone.

# **Postconditions**

## View detail information

After a list of rooms is shown, the renter can click on each room in order to be navigated to the detail page with detailed information for each room.

## Book rooms

The renter can do the room booking after navigating the detail page.

# **Extension Points**

## Default searching

Four pieces information for searching are set default with:

* Destination: Everywhere
* Time: One week
* Guest: Add guests