

# Booking System – Add A New Room

## Name:

Add A New Room

## Description:

This use case covers the adding of a new room by the user and entering all of the information of the room.

## Actors:

Administrator

## Triggers:

The use case is triggered by new rooms are built.

## Preconditions:

None

## Postconditions:

After the use case is complete, a new room will be added.

## Courses of events:

### Basic course of events:

1. The user performs the get all room status use case
2. The system display all rooms with their status
3. The user click “add a new room” button
4. The system displays a dialog titled “Please input the room information”
5. The user input the Room number, Room type, Room price.
6. The user click the “confirm to add” button
7. The system store the new room with its information into the database.

### Exceptional course of events:

1. The user performs the get all room status use case

2. There are all rooms with their status displayed. The user selects the add room function
3. The system displays a dialog to enter the room information
4. The user enters the room's number, type and price
5. The system warns the user that the number of this room overlaps with a previous room and returns to step 3

#### Exceptional course of events (2):

1. The user performs the get all room status use case
2. There are all rooms with their status displayed. The user selects the add room function
3. The system displays a dialog to enter the room information
4. The user inputs the room's price with a negative number
5. The system warns the user that the input is illegal and returns to step 3

#### Extension Points:

None

#### Inclusions:

Administrator Log-in