**Use Case** 3**: Manage Hotel Rooms**

**Overview:**

This Use Case enables the user, the employee, to manage hotel room functionality such as number of rooms and floors, and room attributes.

**Preconditions:**

1. The user wants to manage hotel room functions
2. The database is accessible.
3. The Rooms tab is displayed.

**Scenario**

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| Action | Software Reaction |
| 1. The user clicks on a drop box of “Rooms” and selects a room value from the drop menu. | 1. The menu item from “Rooms” will have numerical value representing the room number. |
| 1. The user enters the price for the hotel room in the price text fields | 1. The text field for “Price” will represent a numeral value representing the price of the hotel room. |
| 1. The user clicks on a drop box of “Smoking” and enter a Boolean value for the hotel reservation | 1. The drop box will have a Boolean value representing whether the room is smoking or smoke free. |
| 1. The user clicks on a drop box of “Pets” and enter a Boolean value for the hotel reservation | 1. The drop box will have a Boolean value representing whether the room accommodates pets or not. |
| 1. The user clicks on a drop box of “Beds” and enter a numerical value for the hotel reservation | 1. The drop box will have a numerical value representing the number of beds the hotel accommodates. |
| 1. The user clicks on a drop box of “Kitchen” and enter a Boolean value for the hotel reservation | 1. The drop box will have a Boolean value representing whether the room has a kitchen or not. |
| 1. The user clicks on a drop box of “Fridge” and enter a Boolean value for the hotel reservation | 1. The drop box will have a Boolean value representing whether the room has a fridge or not. |
| 1. The user clicks on save button to configure the hotel room values that were specified in the input fields. | 1. The specific hotel room values that be saved in the database. |
| 1. The user clicks on a text field box for “Floors” and enter a numerical value for edit room list. | 1. The text field box will have a numerical value representing the number of floors the hotel has. |
| 1. The user clicks on a text field box for “Rooms per floor” and enter a numerical value for edit room list. | 1. The text field box will have a numerical value representing the number of rooms per floor the hotel has. |
| 1. The user clicks on save button to configure the hotel room values that were specified in the input fields. | 1. The specific hotel room values that be saved in the database. |

**Scenario Notes:**

Item 1 to 8 can be done in any order, so it does not affect each other.

Item 9 to 11 can be done independently before Item 1 to 8

**Postconditions:**

1. The hotel room specifications will be saved in the database based on the specification provided.
2. The database will update to all relevant rooms that have been changed

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| **Required GUI:**  **Mouse and keyboard** | **Use Cases Utilized:**  **none** |
| **Exceptions:**   1. The DB cannot be accessed. | **Timing Constraints:**  **none** |