**Use Case** 5**: Create Hotel Reservation**

**Overview:**

This Use Case enables the user, the employee, to make create hotel reservation functions for the customer.

**Preconditions:**

1. The user needs to reserve a hotel room for a customer.
2. The database is accessible.
3. The Reservation Room tab is displayed.

**Scenario**

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| Action | Software Reaction |
| 1. The user clicks on text field of “Date from” and “to”, and enters the dates of the requested reservation. | 1. The two text fields of “Date from” and “to” will have numerical values representing dates. |
| 1. The user enters the price range the customer is searching for in the price range text fields | 1. The two text fields of the “Price Range” will represent numeral values representing the price range of available hotels |
| 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 “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 query button to search for all of the hotel room that meets the criteria. | 1. There will be a list of available hotel room numbers that will appear on the result section. |
| 1. The user selects any one of the hotel rooms available on the list under the result section. | 1. The selected hotel room number will be highlighted in blue. |

**Scenario Notes:**

Item 1 to 6 can be done in any order, so it does not affect each other.

**Postconditions:**

1. A hotel room will be reserved for the customer based on the specification provided.
2. The database will update to where there will be one less room.
3. A page will appear to let the customer input billing information.

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| **Required GUI:**  **Mouse and keyboard** | **Use Cases Utilized:**  **none** |
| **Exceptions:**   1. The DB cannot be accessed. 2. There are no available conference rooms to be reserved. | **Timing Constraints:**  **none** |