**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**:

The user needs to reserve a hotel room for a customer.

The database is accessible.

The Reservation Room tab is displayed.

**Scenario**

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| Action | Software Reaction |
| The user clicks on text field of “Date from” and “to”, and enters the dates of the requested reservation. | The two text fields of “Date from” and “to” will have numerical values representing dates. |
| The user enters the price range the customer is searching for in the price range text fields | The two text fields of the “Price Range” will represent numeral values representing the price range of available hotels |
| The user clicks on a drop box of “Smoking” and enter a Boolean value for the hotel reservation | The drop box will have a Boolean value representing whether the room is smoking or smoke free. |
| The user clicks on a drop box of “Pets” and enter a Boolean value for the hotel reservation | The drop box will have a Boolean value representing whether the room accommodates pets or not. |
| The user clicks on a drop box of “Kitchen” and enter a Boolean value for the hotel reservation | The drop box will have a Boolean value representing whether the room has a kitchen or not. |
| The user clicks on a drop box of “Fridge” and enter a Boolean value for the hotel reservation | The drop box will have a Boolean value representing whether the room has a fridge or not. |
| The user clicks on query button to search for all of the hotel room that meets the criteria. | There will be a list of available hotel room numbers that will appear on the result section. |
| The user selects any one of the hotel rooms available on the list under the result section. | 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**:

A hotel room will be reserved for the customer based on the specification provided.

The database will update to where there will be one less room.

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:**  The DB cannot be accessed.  There are no available conference rooms to be reserved. | **Timing Constraints:**  none |

