**Use Case** 7**: Mange Room Maintenance**

**Overview:**

This Use Case enables the user, the employee, to manage hotel room maintenance for the hotel.

**Preconditions:**

1. The user needs to select a hotel room to modify.
2. The database is accessible.
3. The Maintenance Room tab is displayed.

**Scenario**

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| Action | Software Reaction |
| 1. The user clicks on a text field box of “Room” and types in a room value. | 1. The value from “Room” will be a numerical value representing the room number. |
| 1. The user clicks on a drop box of “Maintenance Category” and selects a category from the drop down box for maintenance. | 1. The drop box item for “Maintenance Category” will be represented by letters. |
| 1. The user clicks on a text field box of “Last Checked” and enter a date value for the hotel maintenance | 1. The text field box will have a date value representing when the room was last checked. |
| 1. The user clicks on Set Notice button to configure the maintenance request that was specified in the input fields. | 1. The hotel maintenance order will be saved in the database. |
| 1. The user clicks on Order Item button to configure the maintenance request. | 1. The selected item will be placed for order. |

**Scenario Notes:**

Item 1 to 3 can be done in any order, so it does not affect each other.

**Postconditions:**

1. The hotel maintenance order will be saved in the database based on the specification provided.
2. The database will update to all relevant orders 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** |

