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Use Case and Use Case Diagram

**Use case diagram:**

system

manager

guest

employee

**Use cases in Details:**

**Use case:** **Register**

**ID:** MC1

**Priority:** High

**Actor:** Employee

**Description:**

       The user registered for the application to use it

**Trigger:**

      User selects the "sign in " button and “password”

**Type:** External.

**Pre-condition:**

User is not logged in.

**Normal case:**

       1. User types a user name of his or her choice

       2. User types a password

       3. System checks if the user name is not already in use.

       4. System checks if the two passwords are identical.

       5. System registers the new user with the give.

           Parameters (user name, password).

**Post condition:**

User becomes a registered.

**Alternative course:**

       4a. User name is already in use

            1. User is requested to select another user name and

                 password.

       5a. The two passwords are different

1. User is requested to retype (twice) his/her password

**Use case:** **Enquire**.

**ID:** MC2.

**Priority:** high

**Actor:** Guest, Employee

**Description:**

Theguest makes an enquire about the required room.

**Trigger:**

enquire about the required room.

**Type:** External.

**Pre-condition:**

1. The app is activated.
2. The employee should activate his account
3. Network service supporting.

**Normal case:**

      After app is activated, the guest’s account is activated it enquires for the required room.

**Post** **Condition:**

**Alternative Course:**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Use case:** **Search**.

**ID:** MC3.

**Priority:** high

**Actor:** employee

**Description:**

Theemployee searches for the required room.

**Trigger:**

Searching for the required room.

**Type:** External.

**Pre-condition:**

1. The app is activated.
2. Network service supporting.

**Normal case:**

      After app is activated, employee searches for the required room.

**Post** **Condition:**

      The employee enters the required room.

**Alternative Course:**

4a.the required room is already reserved

1-aoplogizing to the guest, suggesting another rooms for the guest.

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**Use case:** **Confirming**.

**ID:** MC4.

**Priority:** high

**Actor:** Guest

**Description:**

Theguest confirming for reserving the room.

**Trigger:**

Confirming for the required room.

**Type:** External.

**Pre-condition:**

      The guest found the required room and confirming to reserve it.

**Normal case:**

1. Guest chooses the required room.
2. Guest continues the process of the reservation.

**Post condition:**

Guest found the wanted room and reserve it.

**Alternative Course:**

**The Guest failed to choose the required room and cancelling it**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Use case:** **Payment**

**ID:** MC5

**Priority:** high

**Actor:** Customer

**Description:**

      A process in which the customer chooses how to pay for Reservation (customer).

**Trigger:**

      Pay to the room.

**Type:** External.

**Pre-condition:**

1. Confirming to reserving the room.
2. Customer must have fees.

**Normal case:**

1. Determine the duration and features room.
2. Determine fees for resident in the hotel.
3. Customer pays the fees in any way (cash, visa card, Telecommunications companies).

**Post condition:**

The Guest pay for the customer.

**Alternative course:**

1. Customer does not have the fees in cash: -
2. Pay fees by visa.
3. Pay fees by telecommunications companies’ services.

2-If the visa is empty: -

            a. Pay fees by telecommunications companies’ services.

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Business needs:

* Increase income
* Varity of payment
* Easy to search for the required room
* Easy to save and select information about customer

Functionality:

* Provide online access to connect to hotel.
* Search & select the required room.
* Confirming reservation of the room.
* Payment process will be in cash or mobile services.
* Easier to give feed back

***Business requirements:***

**-Concept of Database .**

**-Concept of Application.**

**-Concept of it.**