

## Full Question:

User can search the hotels. He can book the rooms in a particular hotel. Hotel staff can book the room on behalf of the user. Hotel staff can manage everything such as housekeeping logs in their system for their hotel.

## Requirement:

1. **User** (guest, customer) can *search(interface)* (Search by **HotelBrand**, location, price) the **Hotel**.
2. User can Login/Logout/Register.
3. He can *Search(interface)* the **room** inside Hotel.
4. User can make **Booking**. So he can Book the **Room ( DeluxeRoom, StandardRoom )**. While Booking he can make **Payment (Apply Coupon)** (or Pay the bill).
5. He can cancel the **Booking ( Refund, Notification, RoomAvailablity )**.
6. User can modify the Bookings (*Notification(interface different types)* will be generated).
7. **Receptionist** can Book/Modify/cancel the bookings on behalf of the user.
8. Receptionists can add/modify/remove the room inside the hotel.
9. Receptionist can Check-in( *VerificationUser()*, *provideKeys()* ) or check-out( *CollectPayment()*, *getKey()* ).
10. User can order services.
11. **Housekeeper** can perform **Services(interface)** (Housekeeping, FoodItems etc).
12. Maintain the Service logs.
13. Manager can hire and fire staff. ( I will consider in version-2)

## Find Use-Case/Actor

### Actor

1. User
  - a. Guest
  - b. Customer
  - c. Receptionist
  - d. Housekeeper
  - e. Manager
  - f. System

### UseCase:

1. Search room
2. Delete account
3. Checkin
4. Checkout
5. Keep logs
6. Maintain the history of bookings\
7. Add/modify/ remove the rooms