

Hotel Management System

Requirements:

- The system should support the booking of different room types like standard, deluxe etc
- Guests should be able to search the room inventory and book any available room
- The system should be able to retrieve information, such as who booked a particular room, or what rooms were booked by a specific customer.
- The system should allow customers to cancel their booking - and provide them with a full refund if the cancelation occurs before 24 hours of the check-in date.
- The system should be able to send notifications whenever the booking is nearing the check-in or check-out date.
- The system should maintain a room housekeeping log to keep track of all housekeeping tasks.

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- Any customer should be able to add room services and food items.
- The customers should be able to pay their bills through credit card, check or cash.
- Admin should be able to add delete and edit a room

- Receptionist should be able to check in /check out a guest.

Actors :

Guest

Receptionist

Admin

Server

HouseKeeping

Use Cases:

- **Add/Remove/Edit room**
- **Search room**
- **Book room**
- **Cancel room**
- **Check-in**
- **Check-out**
- **Add room charge**
- **Update housekeeping log**

Use Case diagram:-

