

There are two types of user in this hotel management system. One is guest and the other is receptionist. A user has to create a user account to use the system.

Three major services in this system to serve the request: UserService, RoomBookingService and RoomService

- UserService: Register and login users
- RoomBookingService: Update the booking info when a guest book a room/checkin/checkout.
- RoomService: Update the room status when a guest checkIn/checkout.

A guest uses the RoomBookingService and ParcelService to

1. book a room.
2. Pick up the parcel

A receptionist uses RoomBookingService and ParcelService

1. Help the guest to checkin/checkout
2. Accept the parcel if the receiver already checked in

Below is the design diagram.

