This system contains 3 basic classes, the hotel, customer and room.

When the customer booked room, they can choose different rooms at first. After they select the room, they could start to write the reservation. The hotel management could get all the information from customers incase customers needs to change room or cancel the reservation. And also, if customer wants to continue to live, it could extend the time range as well. The room state is checked after the check out and return the status to the systems which helps to generate the report and create the bill.