Class Diagram

Hostel Twenty One 1 — 1 **Record** 1

Hostel Twenty One 1 — has — *

has — * **Client** 1

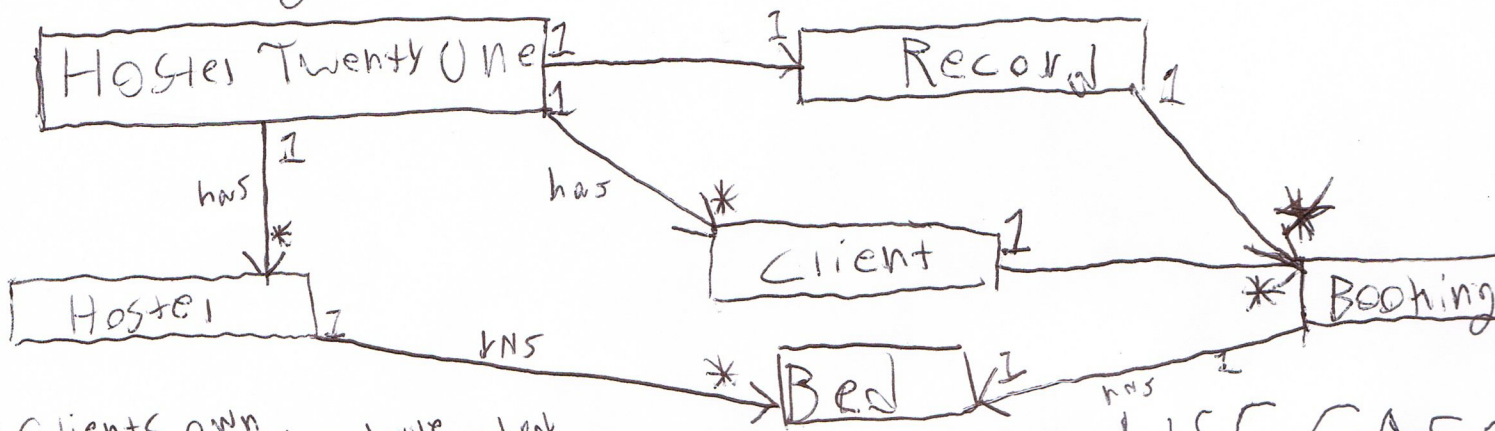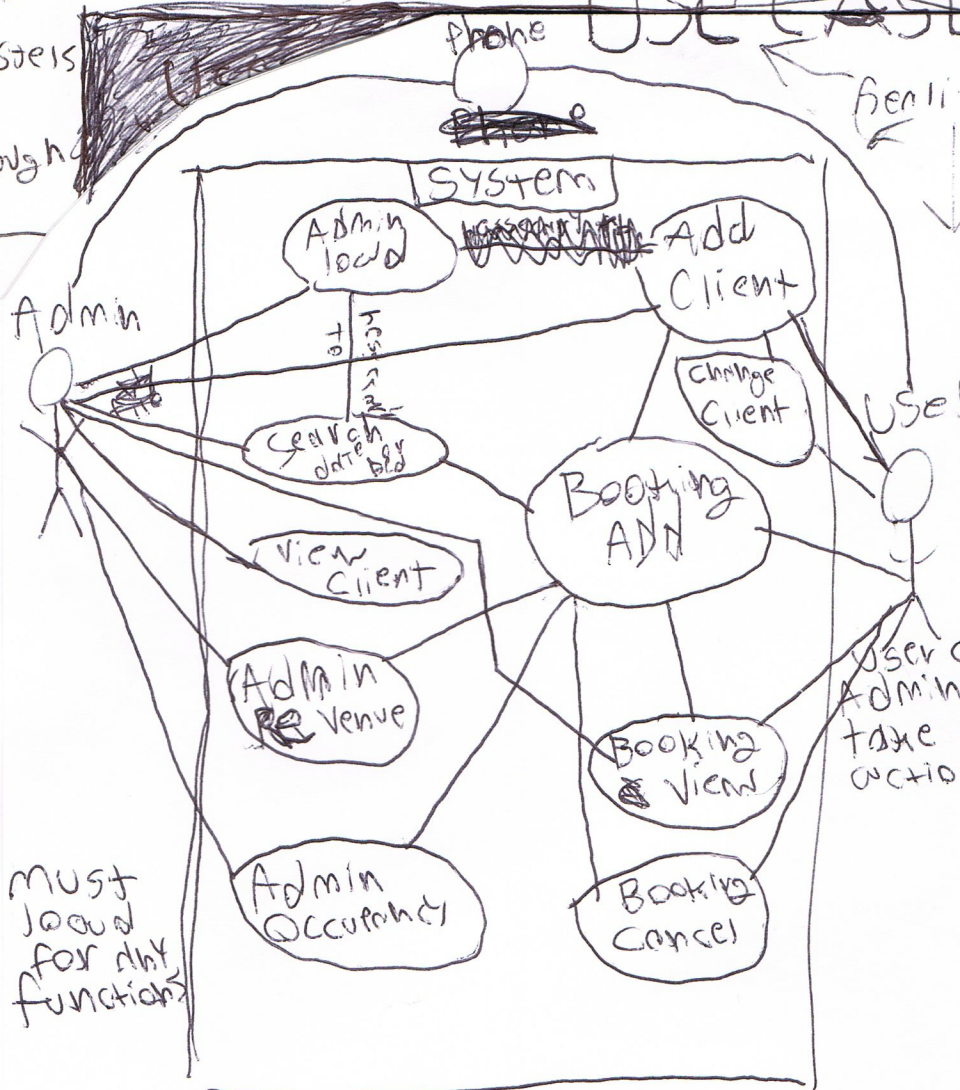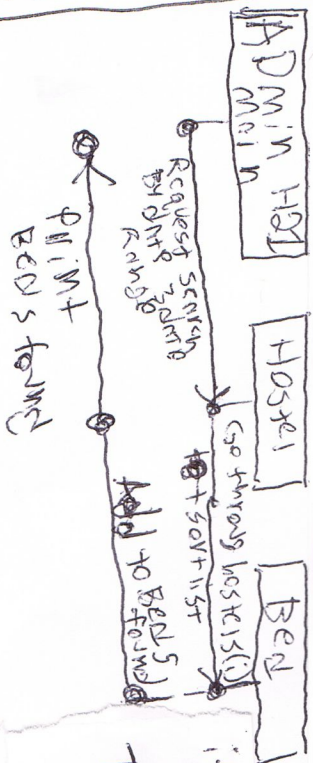**Hostel** 1 — has — * **Bed** 1 — * **Booking**

has

1. Clients own Bookings that have a bed
2. Hostel Twenty one has Hostels that have a bed
3. A user must interact w/ a bed in H21 through a Booking

USE CASE

Sequence diagram for search by multiple dates

Admin H21 | **Hostel** | **Bed**

Print Beds found

Request search by date Range

Go through hostel(s)

Add to Beds found

if Bed(s) is >= start, <= End
date Available
Then ADD
to Bed search list
to Bed search list
Search list

User

Phone

System

Admin
load

Add Client

Admin

Search date bed

Change Client

View Client

Booking ADD

User

Admin Revenue

Booking View

User Admin take action

Admin Occupancy

Booking Cancel

Must load for any functions

Must have Booking to use Revenue Occupancy Book View Book cancel

User intera through User add User chan Add Book bookin booking