Online House Rental Portal
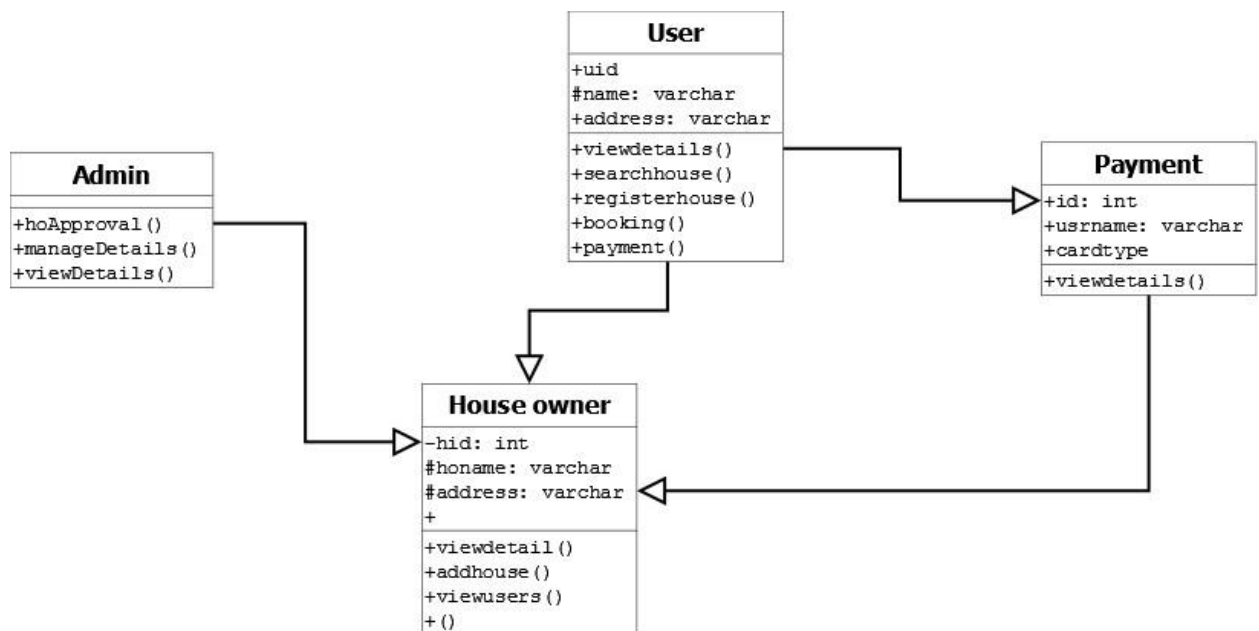
Date: 15/02/2019

Guide: Ms. Sruthimol Kurian
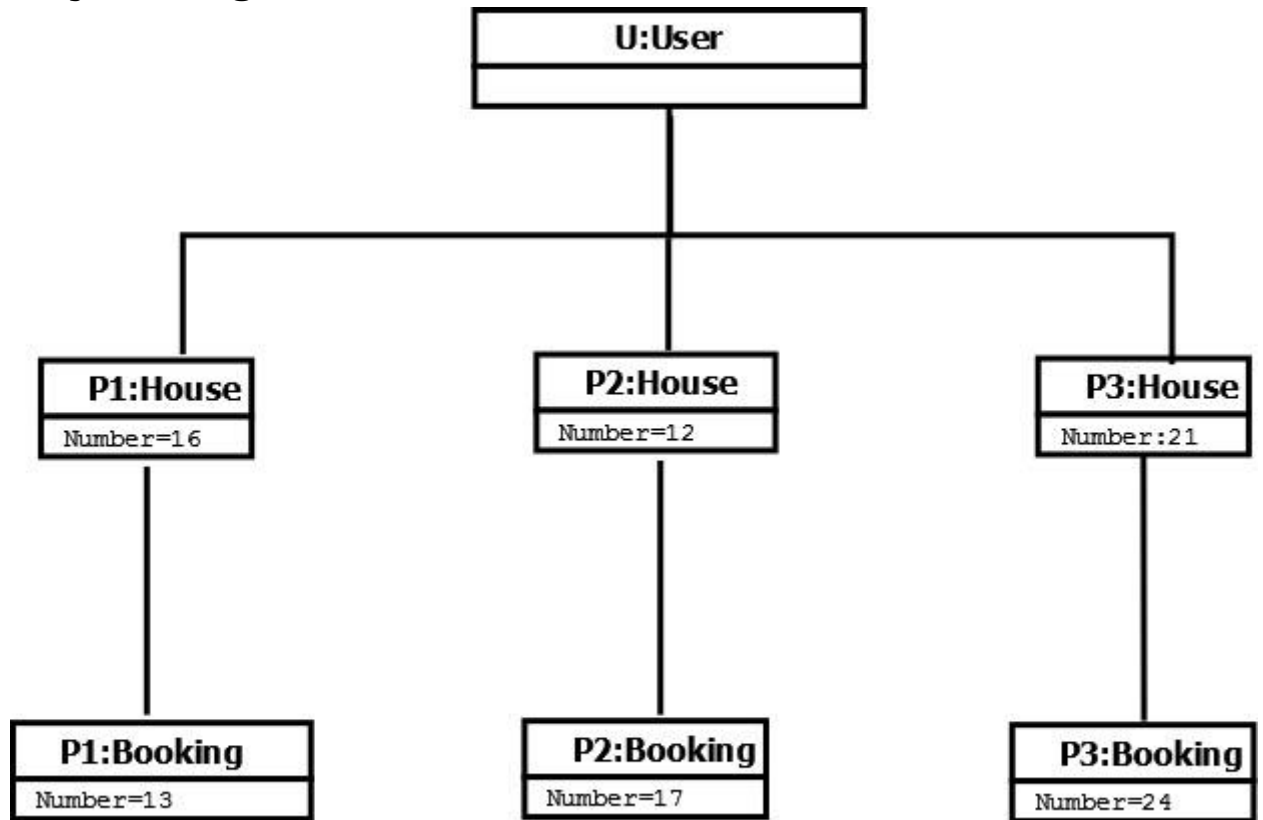
UML Diagram

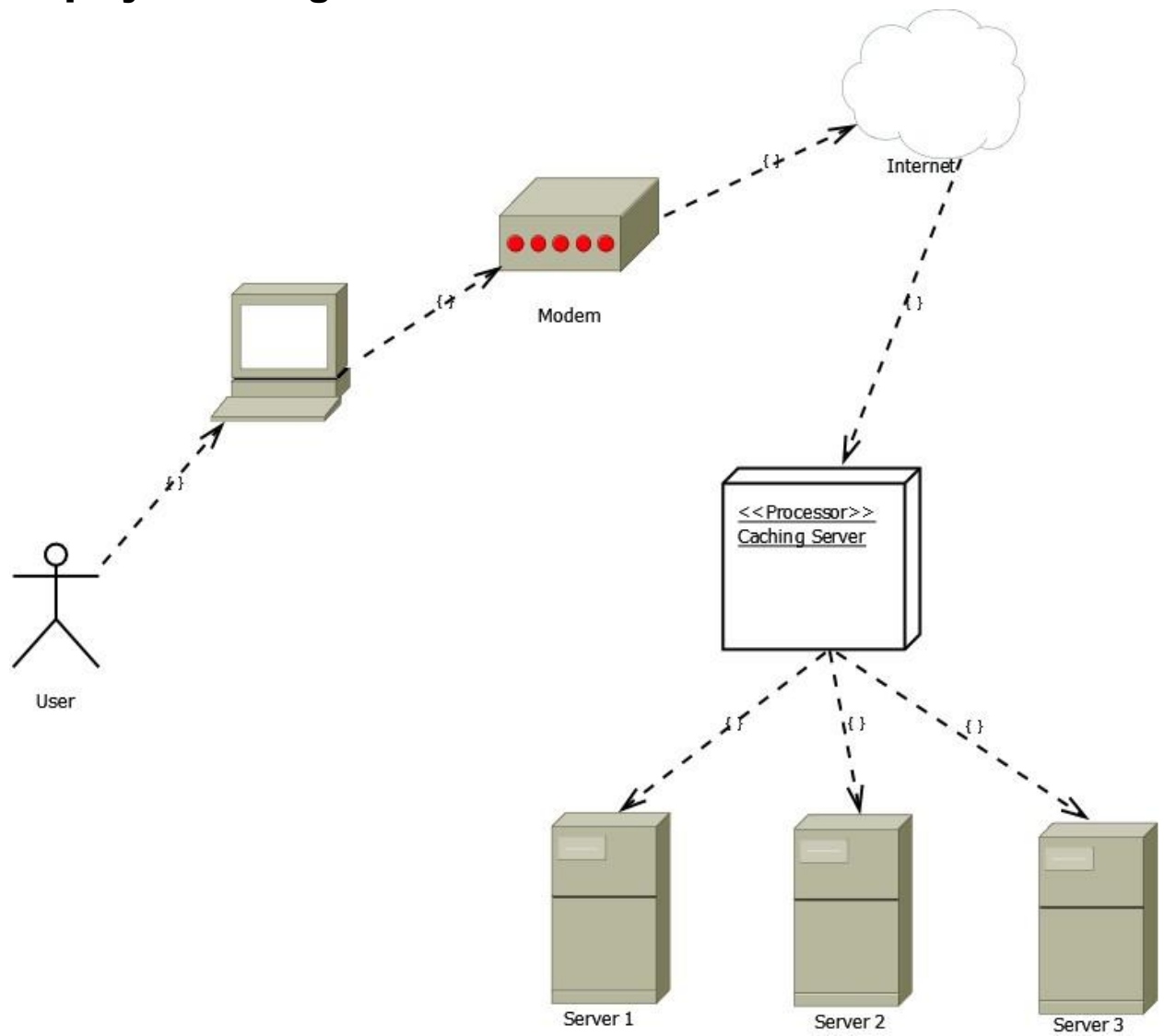### 1. STRUCTURAL DIAGRAM

A. Class diagram

B. Object Diagram

```
                              ┌─────────────────────┐
                              │       U:User        │
                              ├─────────────────────┤
                              │                     │
                              └─────────────────────┘
```
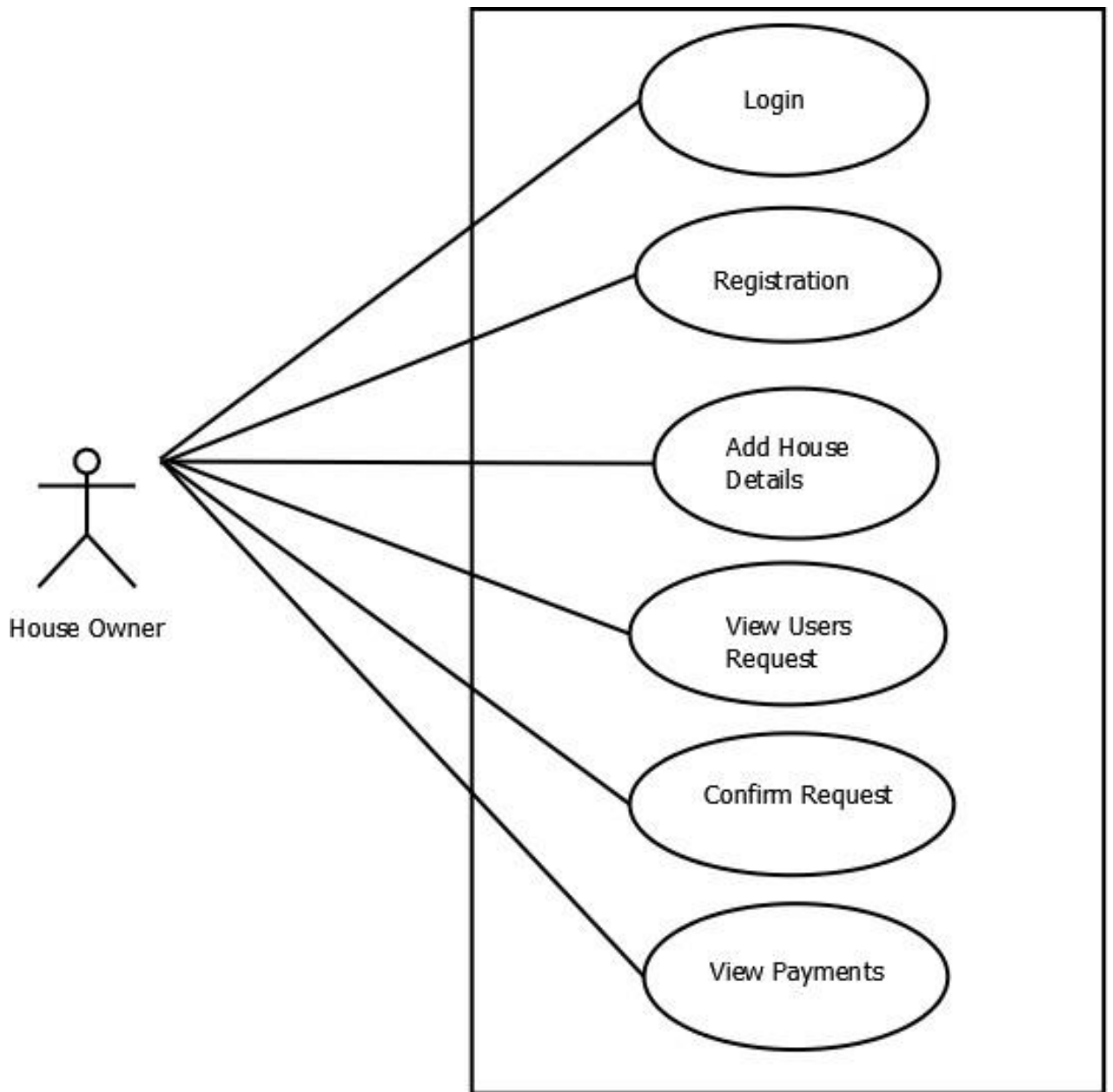
```
┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│    P1:House      │   │    P2:House      │   │    P3:House      │
├──────────────────┤   ├──────────────────┤   ├──────────────────┤
│ Number=16        │   │ Number=12        │   │ Number:21        │
└──────────────────┘   └──────────────────┘   └──────────────────┘
```

```
┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│   P1:Booking     │   │   P2:Booking     │   │   P3:Booking     │
├──────────────────┤   ├──────────────────┤   ├──────────────────┤
│ Number=13        │   │ Number=17        │   │ Number=24        │
└──────────────────┘   └──────────────────┘   └──────────────────┘
```

C. Deployment diagram

User

Modem

Internet

<<Processor>>
Caching Server

Server 1

Server 2

Server 3

2. BEHAVIORAL DIAGRAMS

A. Use case Diagram

House Owner

Login

Registration

Add House Details

View Users Request

Confirm Request

View Payments

User

Login

Registration

View House List

Search House

Select House

Book House

Payment

B. Sequence diagram

Admin | House Owners | Users | House

Manage House owners

Manage Users

Add House Details

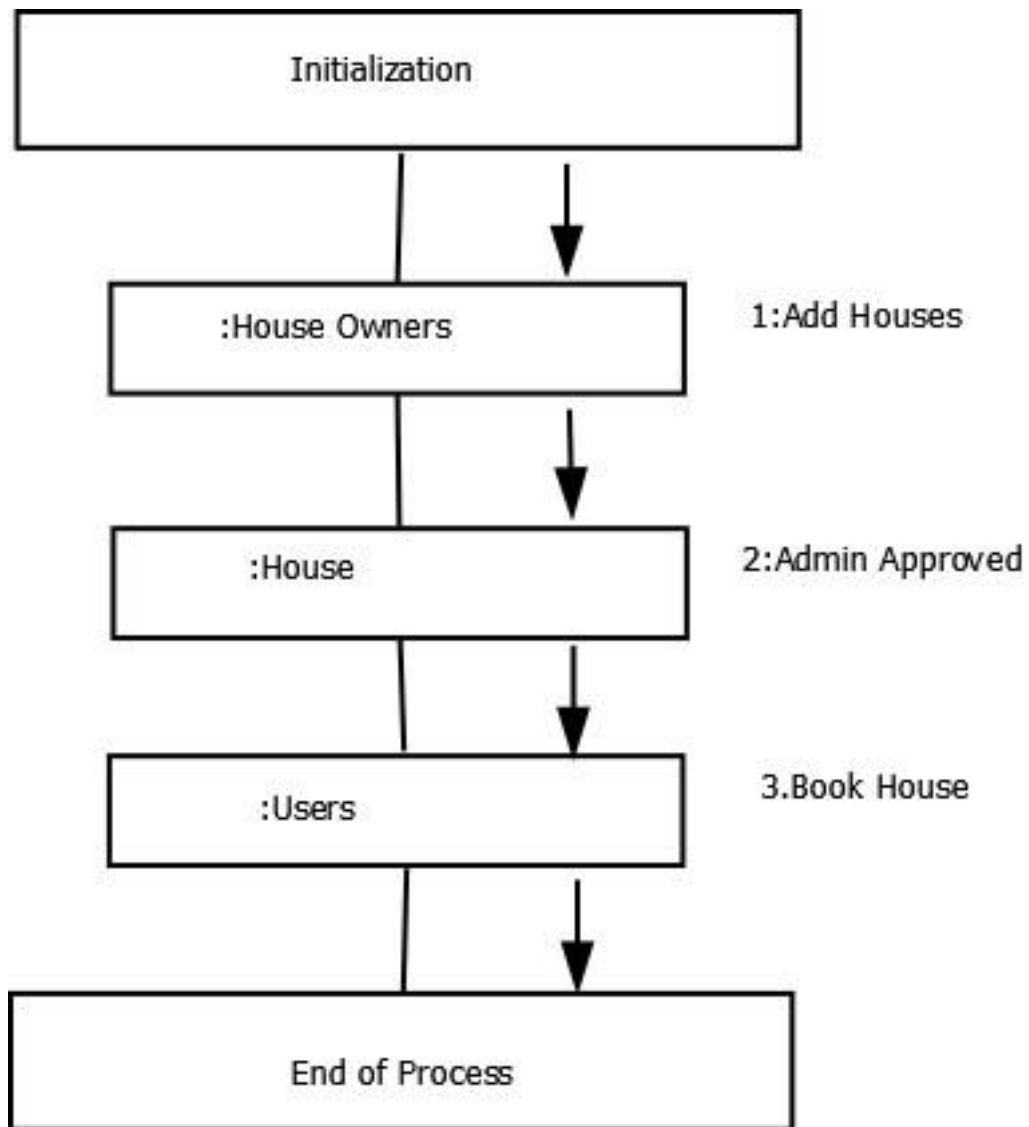View House Detailes
{}

View Users
{}

Book House
{}

Payment
{}
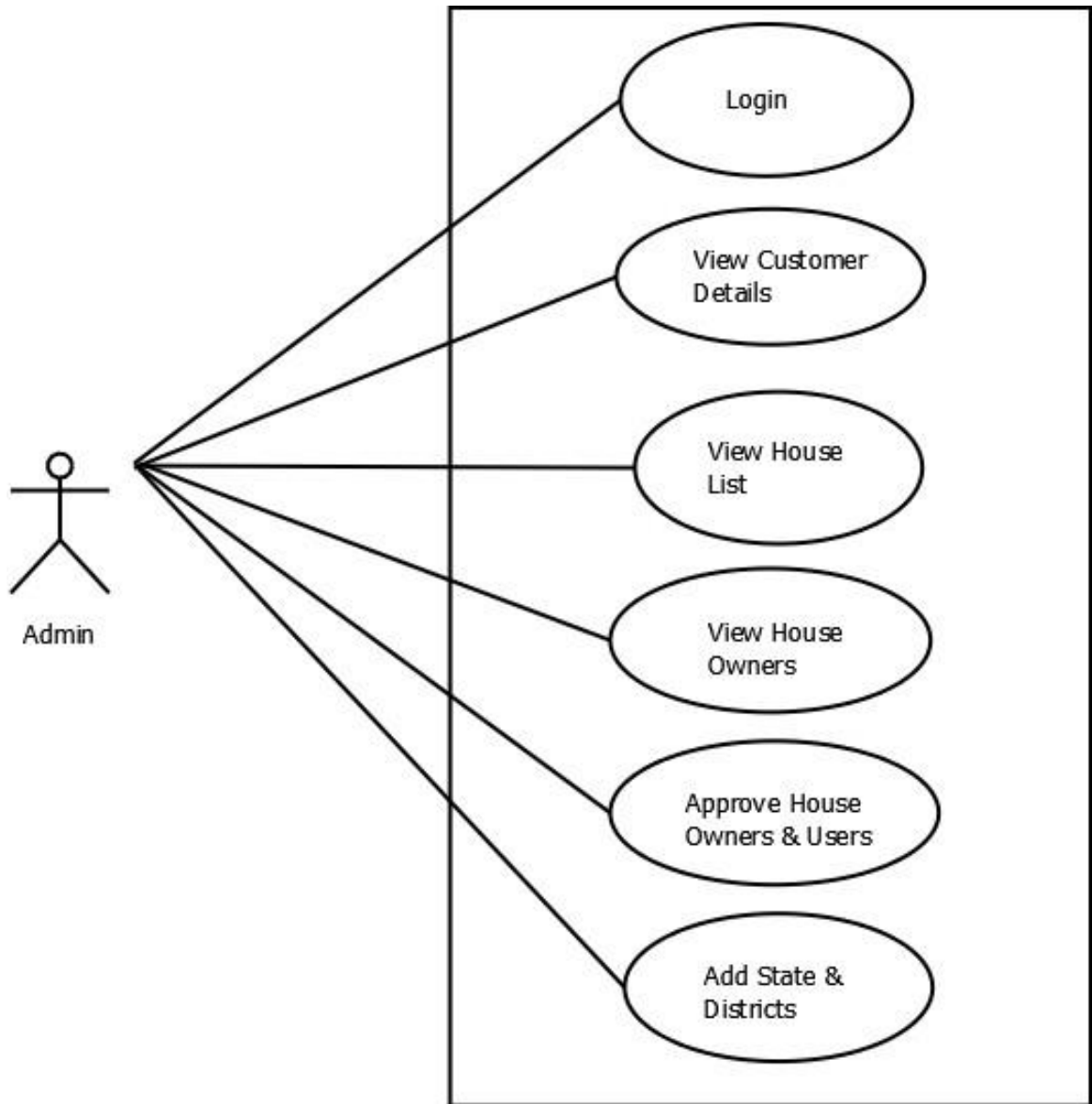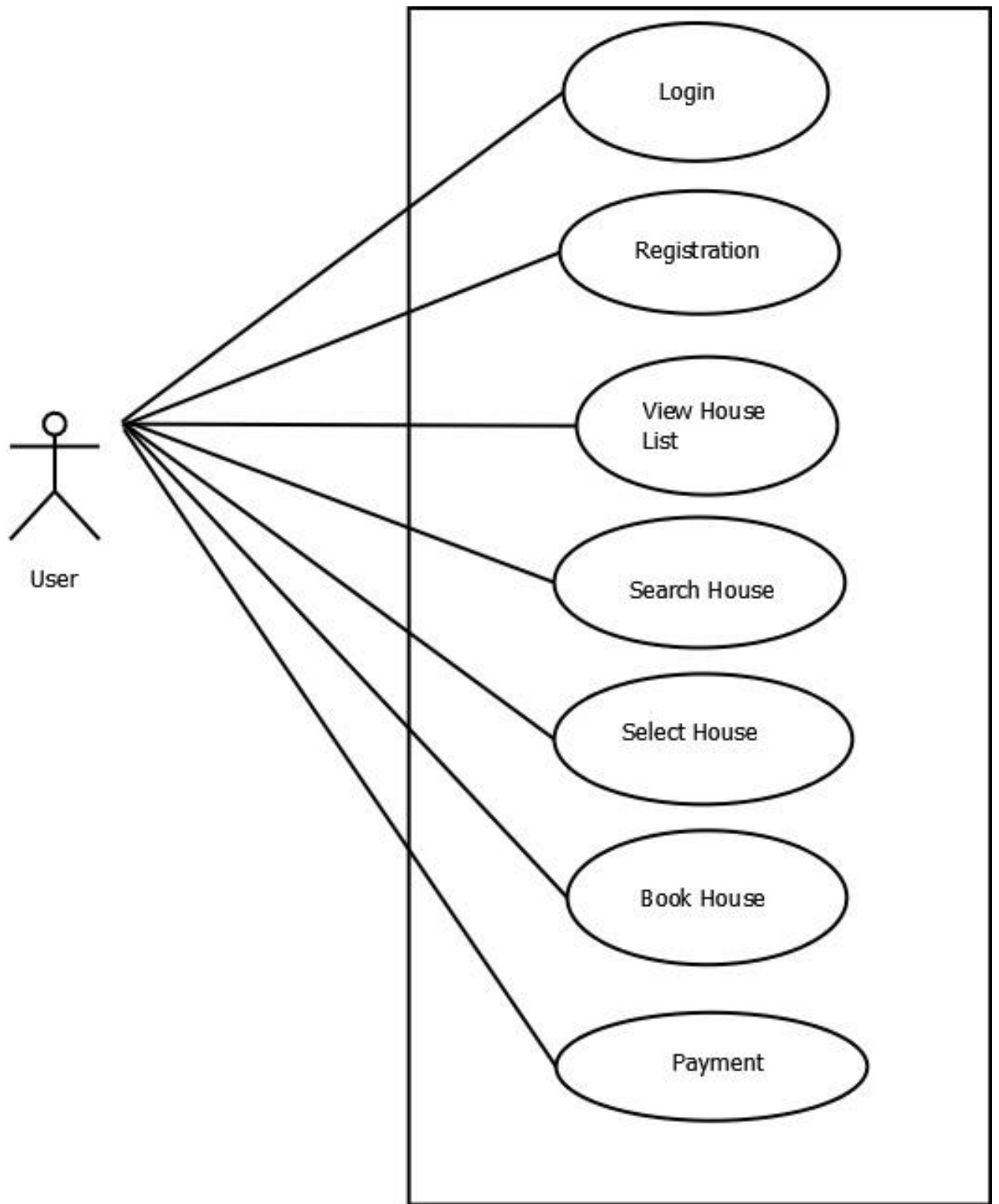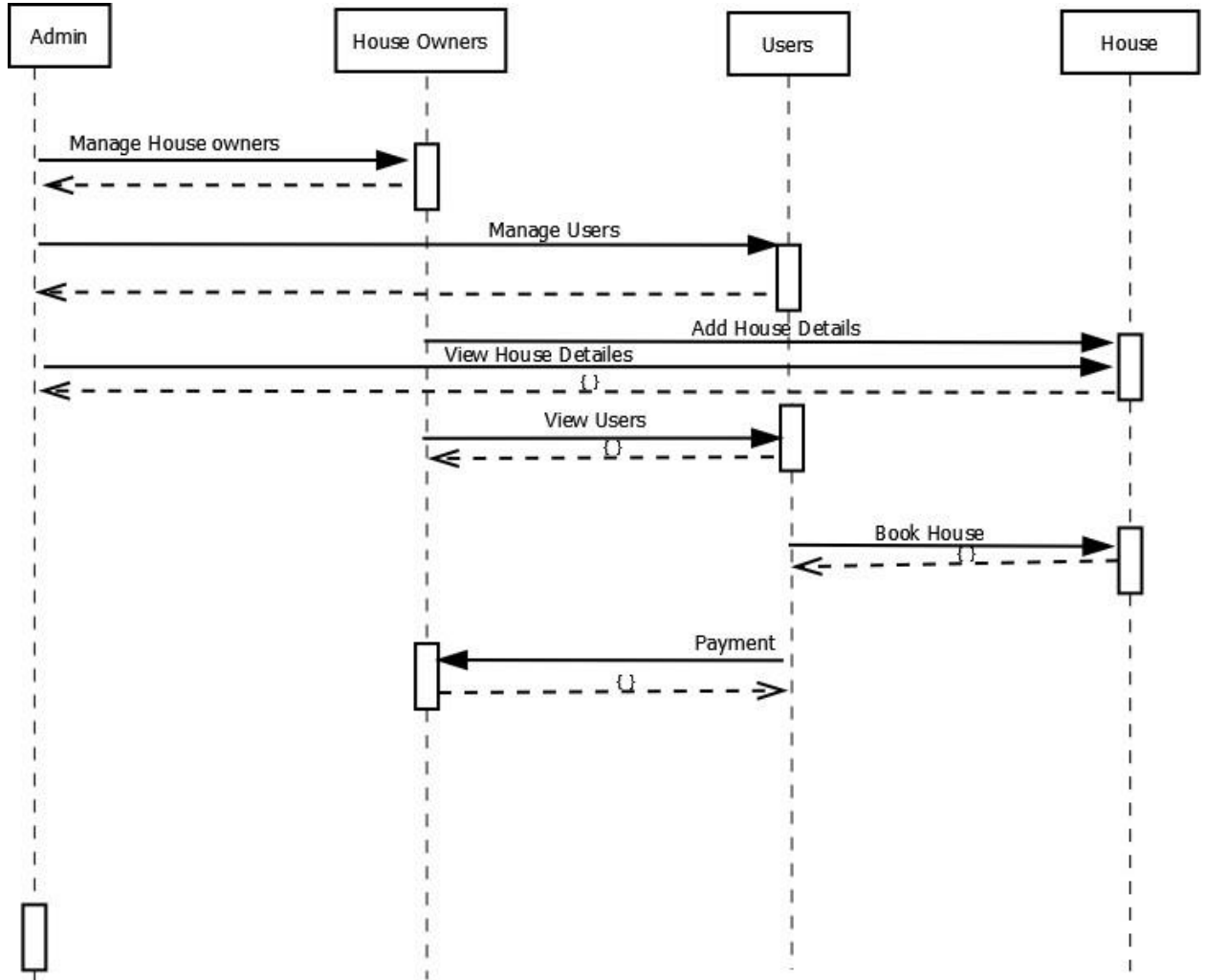
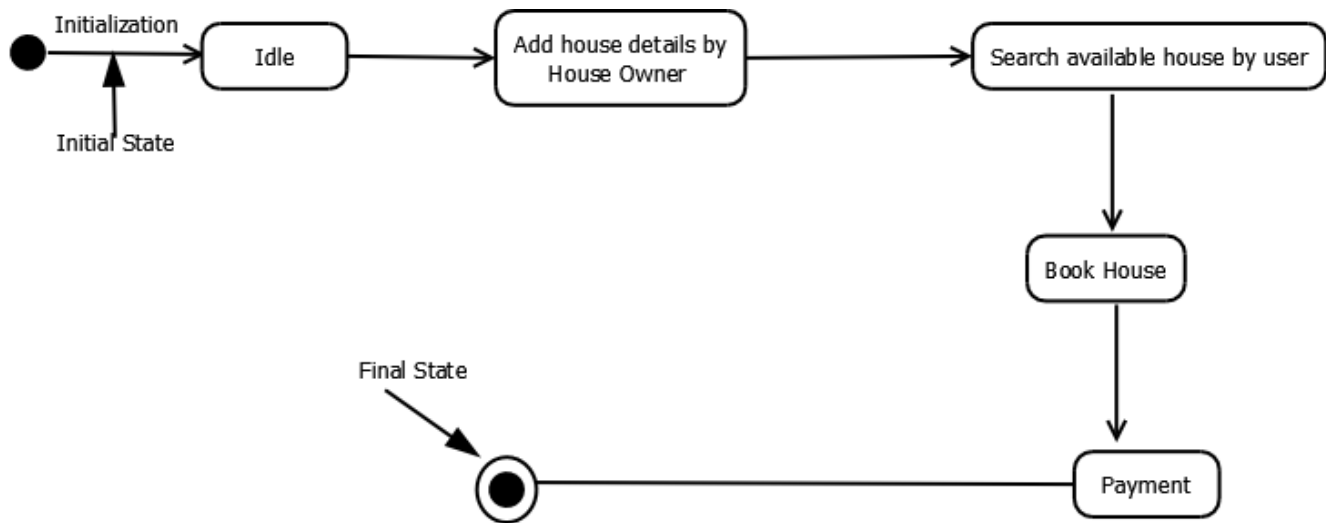## C. Collaboration diagram

D. State chart diagram

E. Activity diagram