

# HOTEL MANAGEMENT SYSTEM

SUBMITTED BY-

NAUSHAD AHMAD

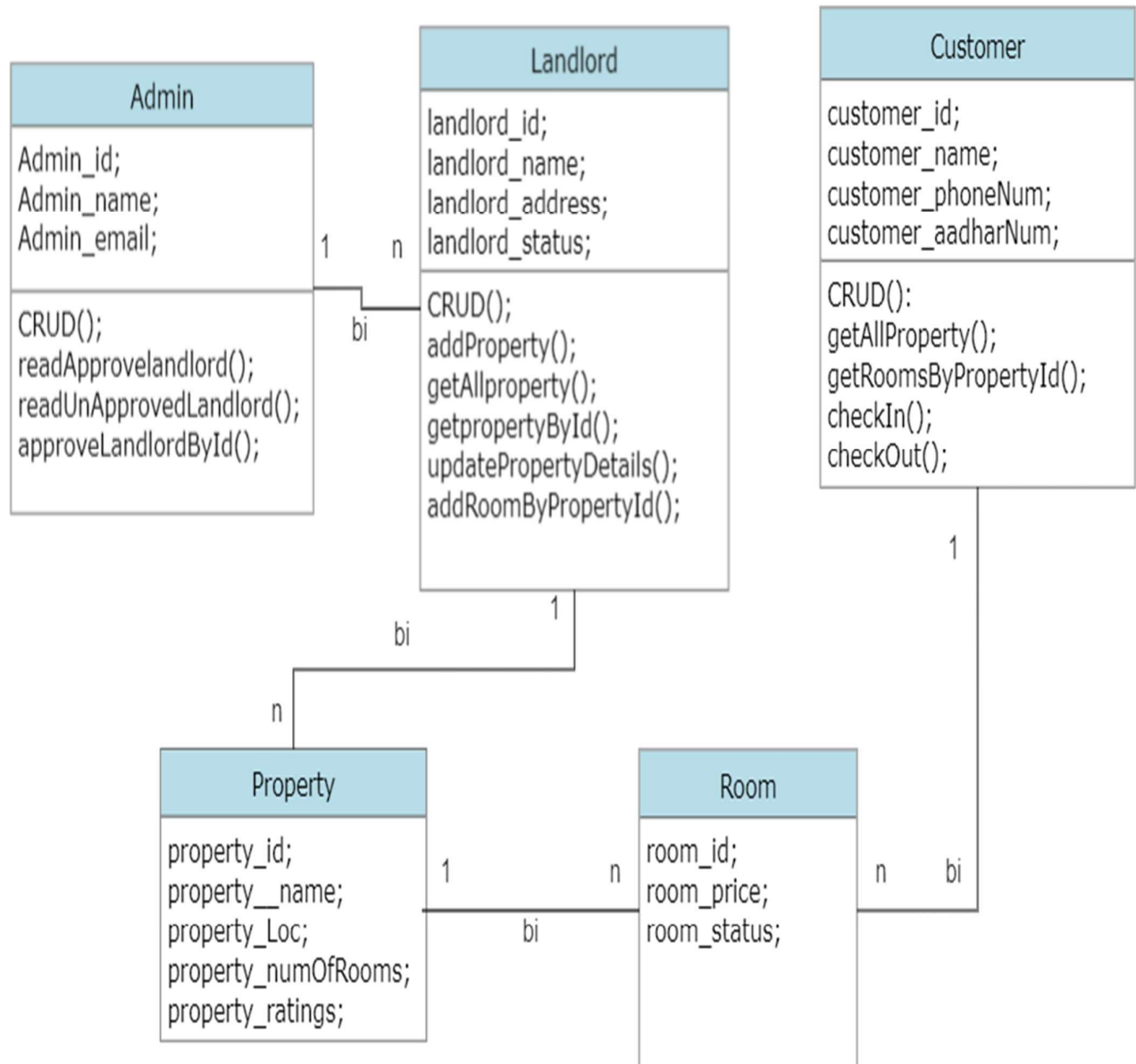
KAJAL NIRMAL GUPTA

SHITAL KALMATKAR

MADHUBALAN DEVENDRA

PRATEEKSHA KAMBLE

# Hibernate Mapping



# Hotel Management System

We have designed and referred the above Class flow chart to make the project on the management of hotel.

## ✓ Classes in the project

- Admin
- Landlord
- Property
- Room
- Customer

## Description

### ➤ Admin Class-

- Admin will manage the landlord , he will look after the landlord approval.
- Admin is mapped by landlords using One\_to\_Many\_Bi directional mapping.
- Until the admin approves the landlord, the landlord will not be able to do any operations .
- Only admin is capable of :
- ✓ The landlords can only be approved by the admin by using method [approveLandlordById()].

- ✓ Admin can get all the approved landlord by using [readApprovedLandlord()] method.
- ✓ Admin can also read all the unapproved landlords by using [readUnapprovedLandlord()] method.

➤ Landlord Class-

-Landlord will look after the property's i.e, he can add property, add rooms in the property, update the property, etc.

-Landlord is mapped by the property's using One\_to\_Many\_Bi directional mapping.

-Landlord will only be able to perform any of these operations if the landlord is approved.

-Operations performed by landlord:

- ✓ Adding the property by using [addProperty()] method.
- ✓ Can get all the property by using [getAllProperty()] method.
- ✓ Landlord can make the updation in the property by using [updatePropertyDetails()] method .
- ✓ Landlord can add room in the property by property Id by using [addRoomByPropertyId()] method.

➤ Property Class-

-Property is managed by the landlord , landlord is going to look after the property's states.

-Property is mapped by the rooms using One\_to\_Many\_Bi directional mapping.

### ➤ Room Class-

-Room is managed by the landlord , landlord is going to look after the room's states(room l'd,room status ,room price ).

-Rooms is mapped by the customer using Many\_to\_One\_Bi directional mapping.

### ➤ Customer Class-

-Customer has the states, that are customer l'd ,name ,phone no.,aadhar no., all these information which are taken during the booking as soon as the details are recorded:

- ✓ Customer can get the access of all the approved properties of landlord by using [getAllProperty()] method.
- ✓ After accessing the property, customer can book the available rooms in whichever property he wants to ,with the property l'd by using [getRoomByPropertyId()] method.
- ✓ As soon as the customer books the room's he will be checked in that room l'd by which the room status will be updated to booked , it will not be available for booking for any other customer.
- ✓ When the customer will checkout from the property the room status will be updated to available so that any other customer can book by checking the availability.