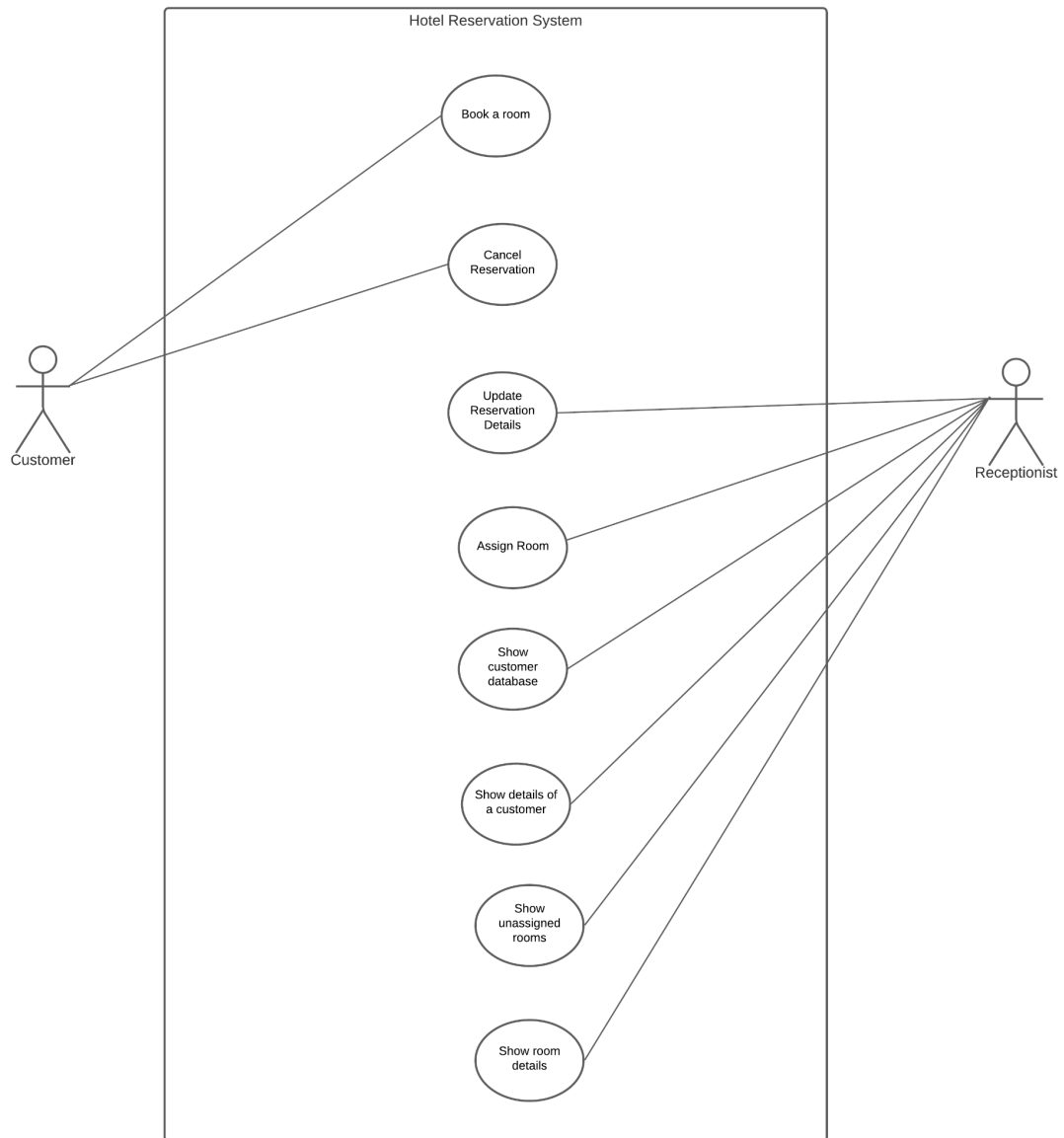


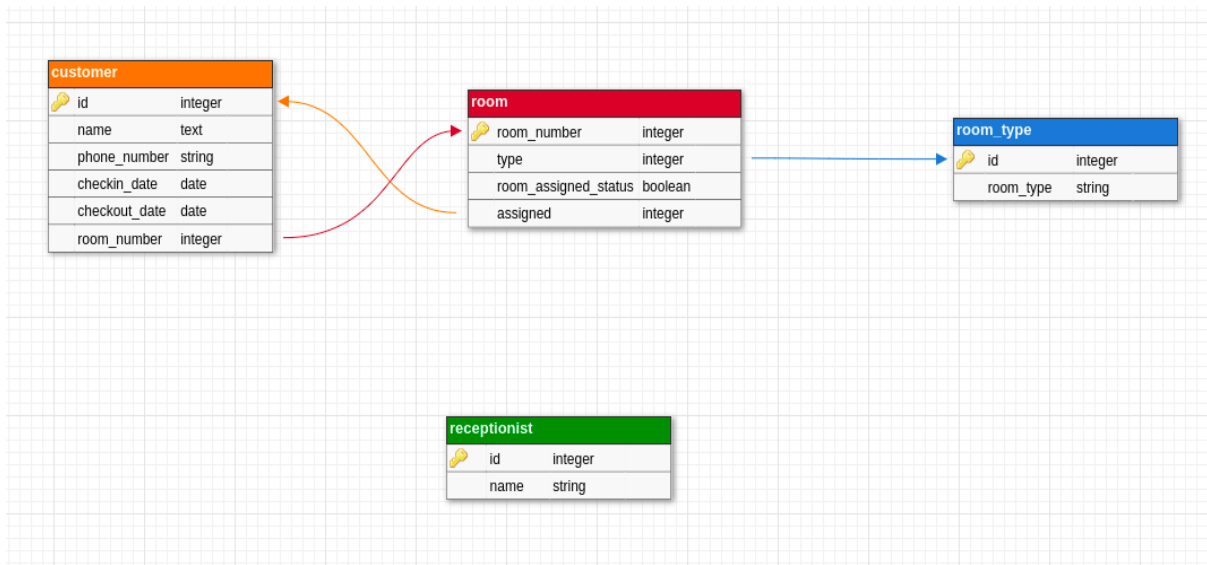
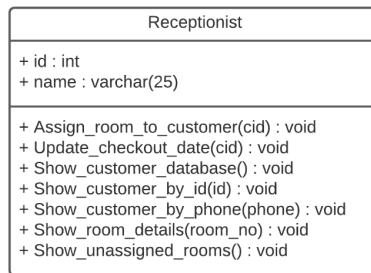
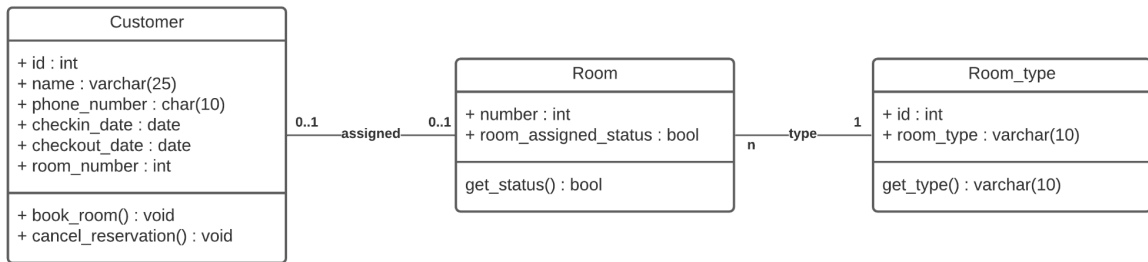
# Database

## Lab

### Session - 10

By  
D V N P S M Manohar Suggula





```
Activities Terminal Dec 8 3:21 AM
manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC

WELCOME TO HOTEL RESERVATION SYSTEM DATABASE!

User Dashboard:
Please choose which user you are:
1-Customer
2-Receptionist
0-Exit
Choose an option:1
```

```
Activities Terminal Dec 8 3:23 AM
manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC

You have selected to book a room!
Please Enter your name:Madhav
Please Enter your phone number:9456739022
Your reservation has been succesfully created!! You will be assigned a room soon.
Your reservation id is 5
Hello Customer!

Choose an option to perform:
1-Book a room
2-Cancel the reservation
0-Logout
Choose an option:2
```

```
Activities Terminal Dec 8 3:23 AM manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC
You have selected to cancel the reservation:
Enter the id to be deleted:5
Your reservation is deleted
Hello Customer!

Choose an option to perform:
1-Book a room
2-Cancel the reservation
0-Logout
Choose an option: 
```

```
Activities Terminal Dec 8 5:53 PM manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC
Hello Receptionist!

Choose an option to perform:
1-Assign Rooms to pending customers
2-Update Checkout Date of leaving Customers
3-Show the Customer database
4-Show the Customer details with id
5-Show the Customer details with phone number
6-Show the list of Unassigned rooms
7-Show the details of a room
0-Logout
Choose an option: 
```

```
Activities Terminal Dec 8 5:53 PM manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC

The Customers list is as follows.
~~~~~
id : 1
Name : Manohar
Phone Number : 1234
checkin_date : 2021-12-08
checkout_date : null
Room Number : 101
~~~~~
id : 2
Name : manu
Phone Number : 9876
checkin_date : 2021-12-08
checkout_date : null
Room Number : 202
~~~~~
Hello Receptionist!

Choose an option to perform:
1-Assign Rooms to pending customers
2-Update Checkout Date of leaving Customers
3-Show the Customer database
4-Show the Customer details with id
5-Show the Customer details with phone number
6-Show the list of Unassigned rooms
7-Show the details of a room
0-Logout
Choose an option:~
```

```
Activities Terminal Dec 8 5:58 PM manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC

Enter the id of the customer checking out:2
~~~~~
id : 2
Name : manu
Phone Number : 9876
checkin_date : 2021-12-08
checkout_date : 2021-12-08
~~~~~
Checkout_date updated successfully!
Hello Receptionist!

Choose an option to perform:
1-Assign Rooms to pending customers
2-Update Checkout Date of leaving Customers
3-Show the Customer database
4-Show the Customer details with id
5-Show the Customer details with phone number
6-Show the list of Unassigned rooms
7-Show the details of a room
0-Logout
Choose an option:~
```

```
Activities Terminal Dec 8 5:58 PM
manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC

You have selected to Assign Rooms.

The room numbers which are vacant are
102
103
201
203
301
302
303
No more results to fetch!

The customer ids for whom rooms are to be assigned are
No more results to fetch!
Hello Receptionist!

Choose an option to perform:
1-Assign Rooms to pending customers
2-Update Checkout Date of leaving Customers
3-Show the Customer database
4-Show the Customer details with id
5-Show the Customer details with phone number
6-Show the list of Unassigned rooms
7-Show the details of a room
0-Logout
Choose an option:2
```

```
Activities Terminal Dec 8 5:58 PM
manohar@manohar-Inspiron-5580: ~/Desktop/DB Lab/Session_10_JDBC

Enter the room number : 101
~~~~~
Room Number : 101
Room Type : 5
Assigned to customer with id : 1
Room Assigned Status : true
~~~~~
Hello Receptionist!

Choose an option to perform:
1-Assign Rooms to pending customers
2-Update Checkout Date of leaving Customers
3-Show the Customer database
4-Show the Customer details with id
5-Show the Customer details with phone number
6-Show the list of Unassigned rooms
7-Show the details of a room
0-Logout
Choose an option:1
```

## **Instructions:**

- First run the hotel\_reservationdb.sql file. It will create the database, required tables, FK constraints and few data elements.
- Now compile the java file and run as follows(make sure the .jar file is in same folder)  
\$ \$ jar xf mysql-connector-java-8.0.18.jar (It Unzips the jar file)  
\$ javac IMT2019025.java  
\$ java IMT2019025