Clientrmi.java

package rmiapp;

import java.rmi.Naming;

import java.rmi.RemoteException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.Scanner;

public class ClientRmi

{

int x,y;

public static void main(String arg[])

{

String user1[]={" "," "};

String pass1[]={" "," "};

int room[]=new int[6];

String roomm[]=new String[6];

Scanner sc=new Scanner(System.in);

while(true)

{

try

{

ClientRmi c=new ClientRmi();

Interface c1=(Interface)Naming.lookup("//localhost/hotel");

Class.forName("com.mysql.jdbc.Driver");

Connection con=DriverManager.getConnection(

"jdbc:mysql://localhost:3306/hotel","root","root");

//here sonoo is database name, root is username and password

Statement stmt=con.createStatement();

//Statement stmt1=con.createStatement();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Hotel Manangement System\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("1. Login.");

System.out.println("2. View Details Hotel.");

System.out.println("3. Enter your details for booking");

System.out.println("4. Cancel booking");

System.out.println("\n Please select a service which u want to acess:");

int op1 = sc.nextInt();

switch(op1)

{

case 1:

System.out.println("Enter your Login id ");

String uname1=sc.next();

System.out.println("Enter your password");

String pass2=sc.next();

int n=c1.login(uname1,pass2) ;

if(n==1)

System.out.println("success");

else

System.out.println("fail");

break;

case 2:

ResultSet rs1=stmt.executeQuery("select \* from rooms");

int i=0;

while(rs1.next())

{

System.out.println(rs1.getInt(1)+ "\t" +rs1.getString(2));

room[i]=rs1.getInt(1);

roomm[i]=rs1.getString(2);

i++;

}

System.out.println("Plz enter the room no u want to book");

int room1=sc.nextInt();

int r=c1.availibility(room1,room);

if(r==1)

System.out.println("room available");

else

System.out.println("not available");

break;

case 3:

ResultSet rs2=stmt.executeQuery("select \* from booking");

while(rs2.next())

{

System.out.println(rs2.getString(1)+" \t "+rs2.getString(2)+" \t "+rs2.getInt(3)+" \t "+rs2.getInt(4));

}

System.out.println("Enter your name");

String name=sc.next();

System.out.println("Enter your Address");

String address=sc.next();

System.out.println("Enter your Adhaar\_card no");

int cardno=sc.nextInt();

System.out.println("Enter your Room no");

int roomno=sc.nextInt();

String sql = "INSERT INTO booking(name,Address,Adhaar\_card\_no,room\_no)"+"VALUES('"+name+"','"+address+"','"+cardno+"','"+roomno+"')";

stmt.executeUpdate(sql);

break;

case 4:

System.out.println("\*\*\*\*\*\*\*\*\*\*CANCLE BOOKING\*\*\*\*\*\*\*\*\*\*");

ResultSet rs3=stmt.executeQuery("select \* from booking");

while(rs3.next())

{

System.out.println(rs3.getString(1)+" \t "+rs3.getString(2)+" \t "+rs3.getInt(3)+" \t "+rs3.getInt(4));

}

System.out.println("Enter roomnofor cancle the booking");

String room\_no1=sc.next();

String SQL = "DELETE FROM booking WHERE roomno = "+roomno1+" ";

stmt.executeUpdate(SQL);

System.out.println("\*\*\*\*\*\*\*\*\*\*All booking in Database\*\*\*\*\*\*\*\*\*\*\*");

ResultSet rs4=stmt.executeQuery("select \* from booking");

while(rs4.next())

{

System.out.println(rs4.getString(1)+" \t "+rs4.getString(2)+" \t "+rs4.getInt(3)+" \t "+rs4.getInt(4));

}

break;

case 5:

con.close();

break;

default:

System.out.println("plz enter corect choice");

break;

}

}

catch(Exception e)

{

System.out.println(e);

}

}

}

}