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**PROJECT REPORT**

**ON**

**HOTEL BOOKING SYSTEM**

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I would not forget to my team members for their encouragement and more over for their timely support and guidance till the completion of our project work.

I heartily thank our internal project guide, Miss. Aditi sharma,UIC for her guidance and suggestions during this project work.

I am thankful to and fortunate enough to get constant encouragement, support and guidance from all Teaching staffs of UIC

**Certificate**

This is to certify that the project entitled, Hotel Booking System submitted by Kanav, in partial fulfillment of the requirements for the award of UIC in MCA Leet. at the Chandigarh University is an authentic work carried out by him under my supervision and guidance.

To the best of my knowledge, the matter embodied in the project has not been submitted to any other University / Institute for the award of any Degree or Diploma.

Date: 20/11/2017  
  
(Aditi Sharma)  
  
Signature:

**Project Objective**

**EXISTING SYSTEM**

* It is complete manual System.
* Due to manual process, it requires more time for completion of any work
* In this system availability of vacant room status is to checked manually through the registers.
* Every entry has to be search manually via register.

So, our objective is to do this work automatically. Now in new system work shown below: -

* The new system is computerized system.
* Maintenance of data is very easy and workload is reduced.
* Visitor and Client can fetch information very easy like inquiry for room details information of
* room and booking process.
* This system provides different package facilities.

**Description**

Project title “Hotel Booking System” (a project for keeping customers record and also calculate customer bill slip and managers salary) The name of project is “Hotel Management”. The objective of the project is to computerize the system of the hotel. “Hotel Booking system “is the project not only keeps the record of various people like customers, manager etc. but as well as it reduces the extensive paper work in the present system. It wills make the system more versatile and user friendly. It also calculates the proper billing slip of high level and middle level customers. This project is based on description about the structure of HOTEL BOOKING SYSTEM.

The project contains:

* Keeping the record of all persons like customers, managers etc.
* Maintains proper list of all persons.
* Generating proper bill slip and calculate managers salary.

**Admin**

* Manage rooms
* Manage packages
* Manage cancellation
* Manage Advertiser
* Manage client
* Manage reports
* Manage feedback

Admin

Hotel management admin side

Manage room

Manage client

Manage feedback

Manage package

Manage can cancelltion

Manage Advertiser

Manage reports

**Client**

* view hotel information
* Manage profile
* select package
* Room booking
* payment
* cancellation
* Give feedback

Client

Hotel management client side

Manage profile

Give feedback

select package

Room booking

payment

view hotel information

Cancellation

**Visitor**

* View website
* Registration

View Website

Registration

Hotel management visitor Side

Visitor

**Project Environment**

**Client Side**

**Minimum Hardware Requirements**

|  |  |
| --- | --- |
| Processor: | 1 MHZ |
| RAM : | 512MB |
| **Minimum Software Requirements** |  |
| Operating System : | Windows XP or Any compatible OS |
| Web Browser : | IE 6.0 or Any compatible web browser |

**Server Side**

**Minimum Hardware Requirements**

|  |  |
| --- | --- |
| Processor: | 2 MHZ |
| RAM : | 2 GB |
| Hard Disk :  **Minimum Software Requirements** | 10 GB (Free space on HDD) |
| Operating System : | Windows Server 2003 |
| Web Server : | Apache 2.2.6 |

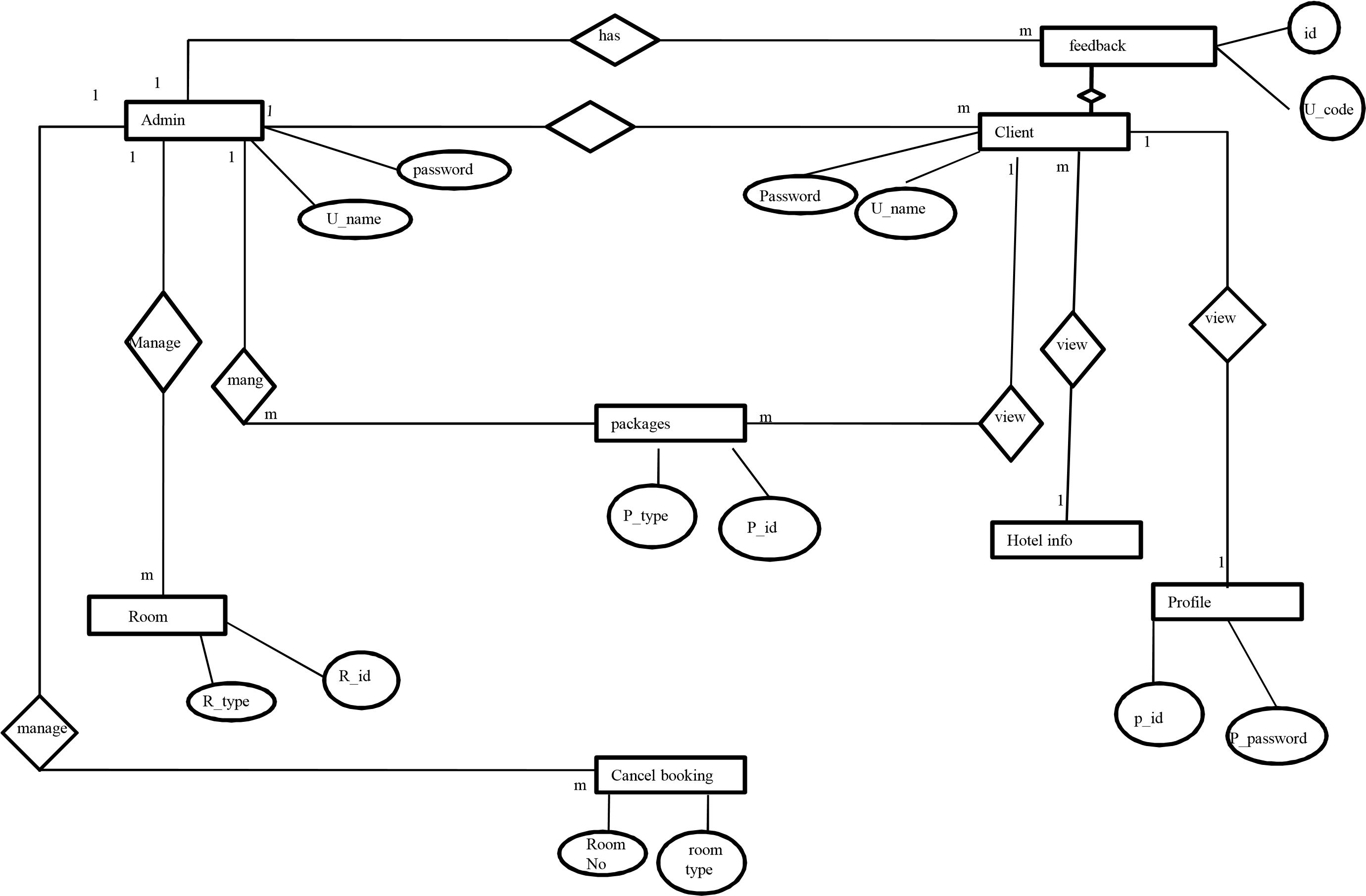
**Team Size**

We are three members in team. Each one has different role that is shown

below: -

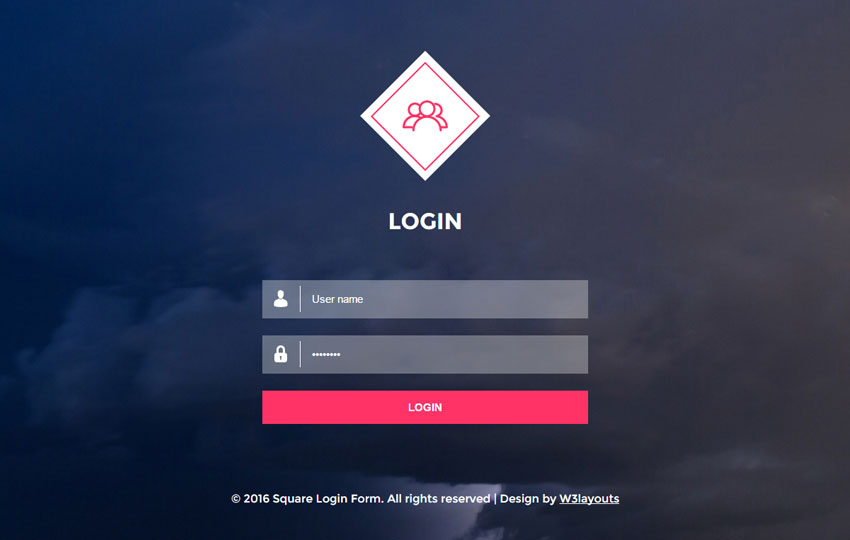
* Kanav Singla: - Front End Handler, back end

**Structure of Project**



**Static Design of the Project**

**Login**



**Coding**

String users="0";

String Pass="0";

String Pass1=new String(TxtPassword.getPassword());

try

{

Class.forName("oracle.jdbc.OracleDriver");

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","bfc");

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from CreateAccount where Email1='"+TxtUserName.getText()+"'and Password1='"+Pass1+"'");

while(rs.next())

{

users=rs.getString("Email1");

Pass=rs.getString("Password1");

Id=rs.getString("ID");

}

if(users.equals(TxtUserName.getText()) && Pass.equals(Pass1))

{

MenuPage obj=new MenuPage(Id);

obj.setVisible(true);

this.setVisible(false);

}

else

{

JOptionPane.showMessageDialog(null, "Username or Password doesn't match!");

}

}

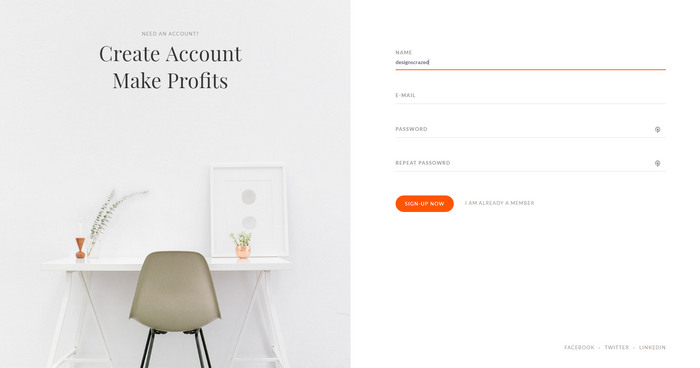
catch(Exception e)

{

System.out.println(e);

}

**Register**



**Coding**

String s=new String(TxtPass.getPassword());

String users="0"

if(TxtName.getText().equals("") || s.equals("") || TxtUser.getText().equals("") || txtMobile.getText().equals(""))

{

JOptionPane.showMessageDialog(null," Please fill all fields");

}

else{

try{

Class.forName("oracle.jdbc.OracleDriver");

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","bfc");

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from CreateAccount where Email1='"+TxtUser.getText()+"'");

while(rs.next())

{

users=rs.getString("Email1");

}

if(users.equals(TxtUser.getText()))

{

JOptionPane.showMessageDialog(null, "This email is already exists");

}

else

{

PreparedStatement ps=con.prepareStatement("insert into CreateAccount(Name1,Password1,Email1,ContactNo)values(?,?,?,?)");

ps.setString(1, TxtName.getText());

ps.setString(2, s);

ps.setString(3, TxtUser.getText());

ps.setString(4, txtMobile.getText());

ps.executeQuery();

JOptionPane.showMessageDialog(null, "Successfully Created");

}

}

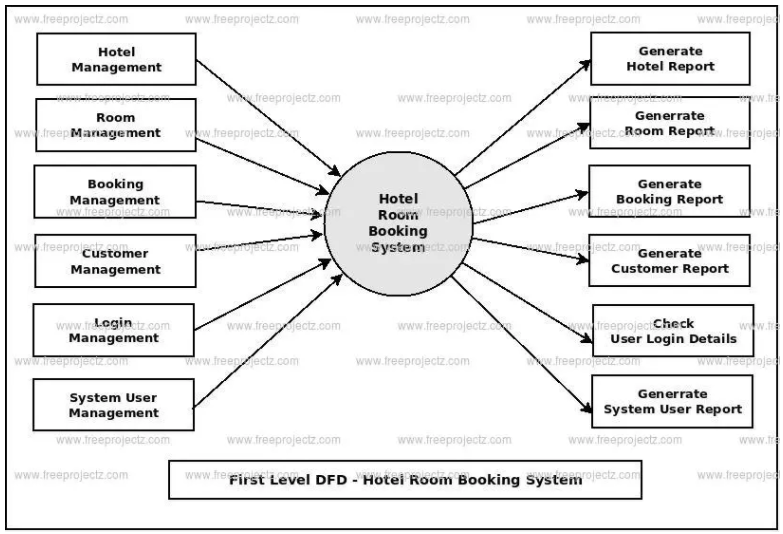
catch(Exception e){

System.out.println(e);

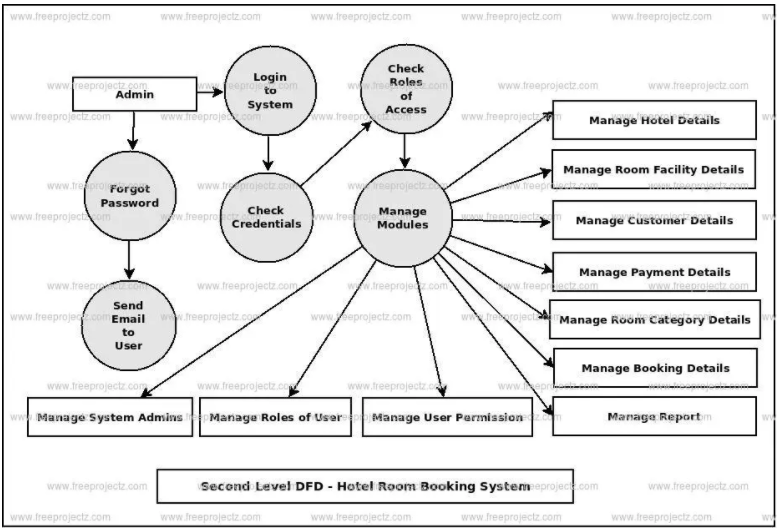
}

**Data Flow Diagram**

**First level DFD**



**Second Level DFD**



**Technology Description**

* Front End: - Java
* Back End: - Oracle 10g

**BIBLIOGRAPHY**

* [www.wikipedia.com](http://www.wikipedia.com)
* [www.Tutorilspoint.com](http://www.Tutorilspoint.com)
* Book: - Advanced Java Complete references