1. **INTRODUCTION**

Software Personal Management System is an interface between employee and an administrator. It aims to improve the efficiency in the generation of pay slips and reducing the complexities involved in it. This project gives sets a Platform to all Employees and Employers to know the exact days they have worked and the exact amount of salary they will be receiving at the end of the month without any errors or faults in the pay slip. This system gives a clear picture to every worker who wants to know how they are being paid.

**Problem statement:**

* Software personnel management system allows employees to record time card electronically and lets automatically generates pay slips based on no.of hours worked.
* Only administrators will have accesses like adding new employees , deleting employees and generating reports of the employees.
* They can even know details like for how many hours they have worked and payment details.
* The software can be installed on employee device where they can access and edit their own personnel data only.
* Information includes employee name , id , phone number , date of join ,salary details etc.
* Database of the employee information is maintained and examined by administrator.

**2.SYSTEM REQUREMENTS**

* 1. **SOFTWARE REQUREMENTS**

A Computer with minimum of i3 processor, 8gb ram and windows operating system.

Front End: Java

Back End: Oracle

Software Tool: Rational rose

* 1. **HARDWARE REQUIREMENTS**

Processer

Keyboard

Personal computer

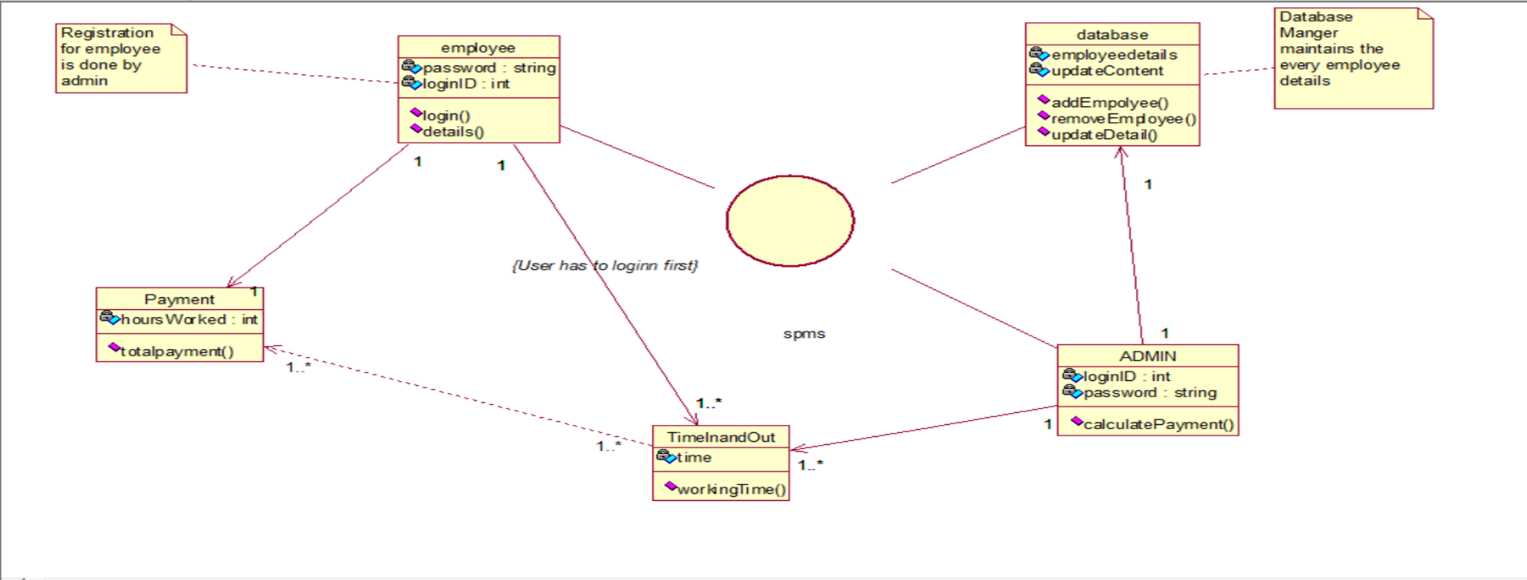
Software specifications.

**3.SYSTEM DESIGN**

**3.1 STATIC DIAGRAMS**

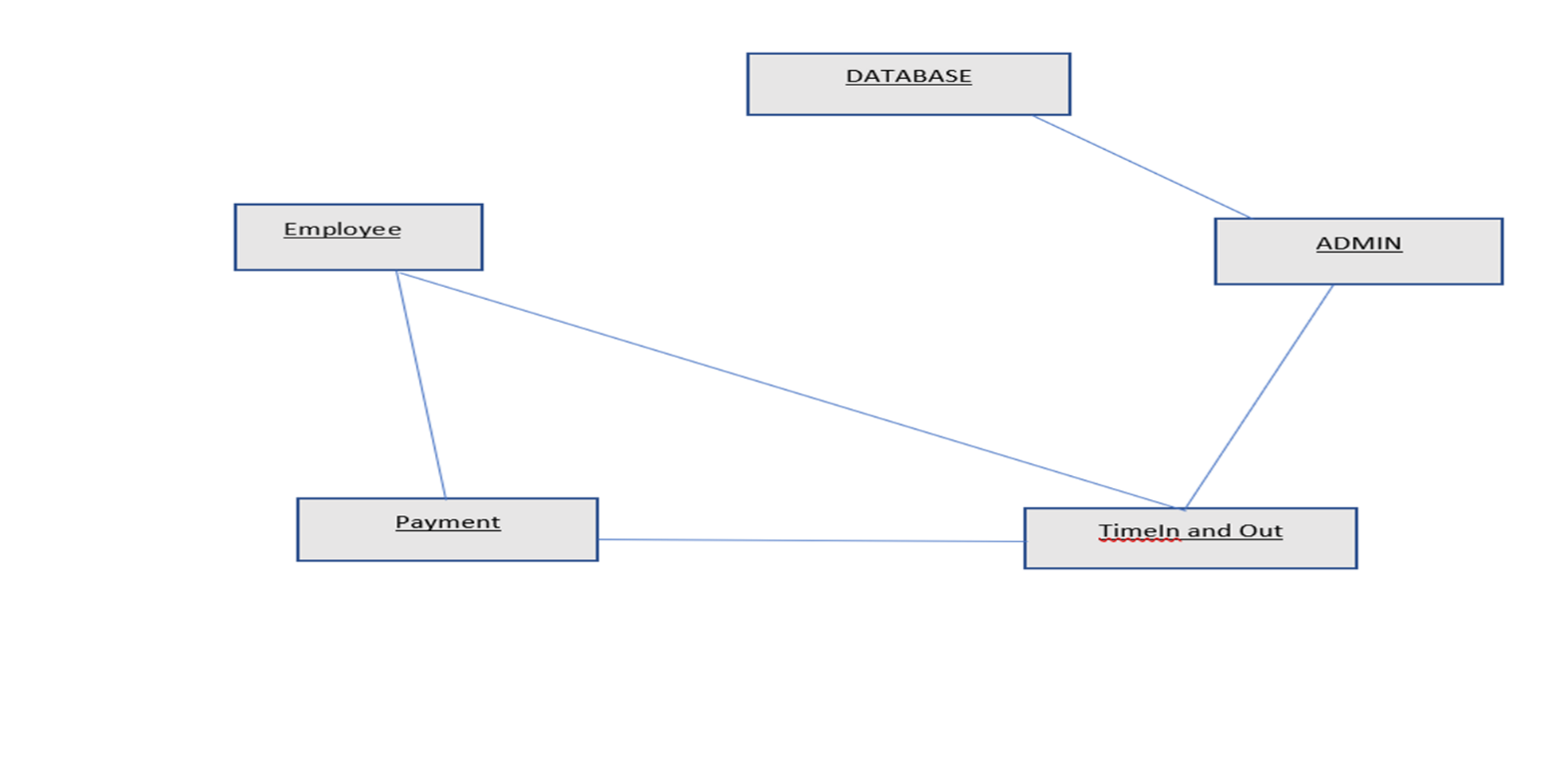
**3.1.1 CLASS DIAGRAM**

Class diagram is used to model the structure of a software.**Contents:**Classes , interfaces , collaborations, relationships, note, grouping things, annotation things.**Structural things:** classes.**Annotation things:** Note.**Relationships:** Association, Generalisation, Realisation, Dependency

**Fig 01:Class Diagram**

**3.1.2 OBJECT DIAGRAM**

Object diagram models the instance of classes from the class diagram.Object diagram represent the static part of the system.**Contents:** objects, links, annotation things, grouping things.



**Fig 02: Object Diagram**

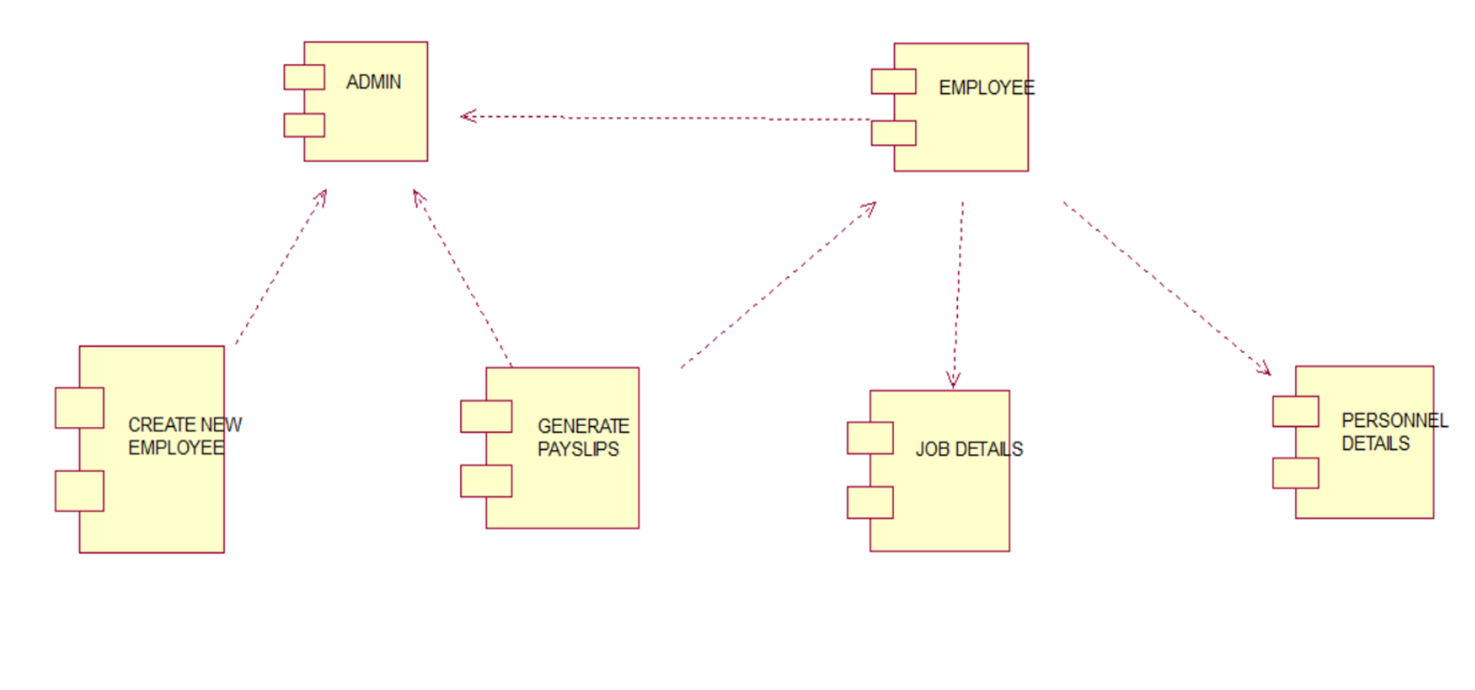
**3.1.3 COMPONENT DIAGRAM**

Component Diagram models the Pyhsical ascepts of a system a system.

Component diagram represent the ststic part of a system.

**Contents**:

Component,interface,relationships and it also contains Grouping things,annotations things.



**Fig 03: Component Diagram**

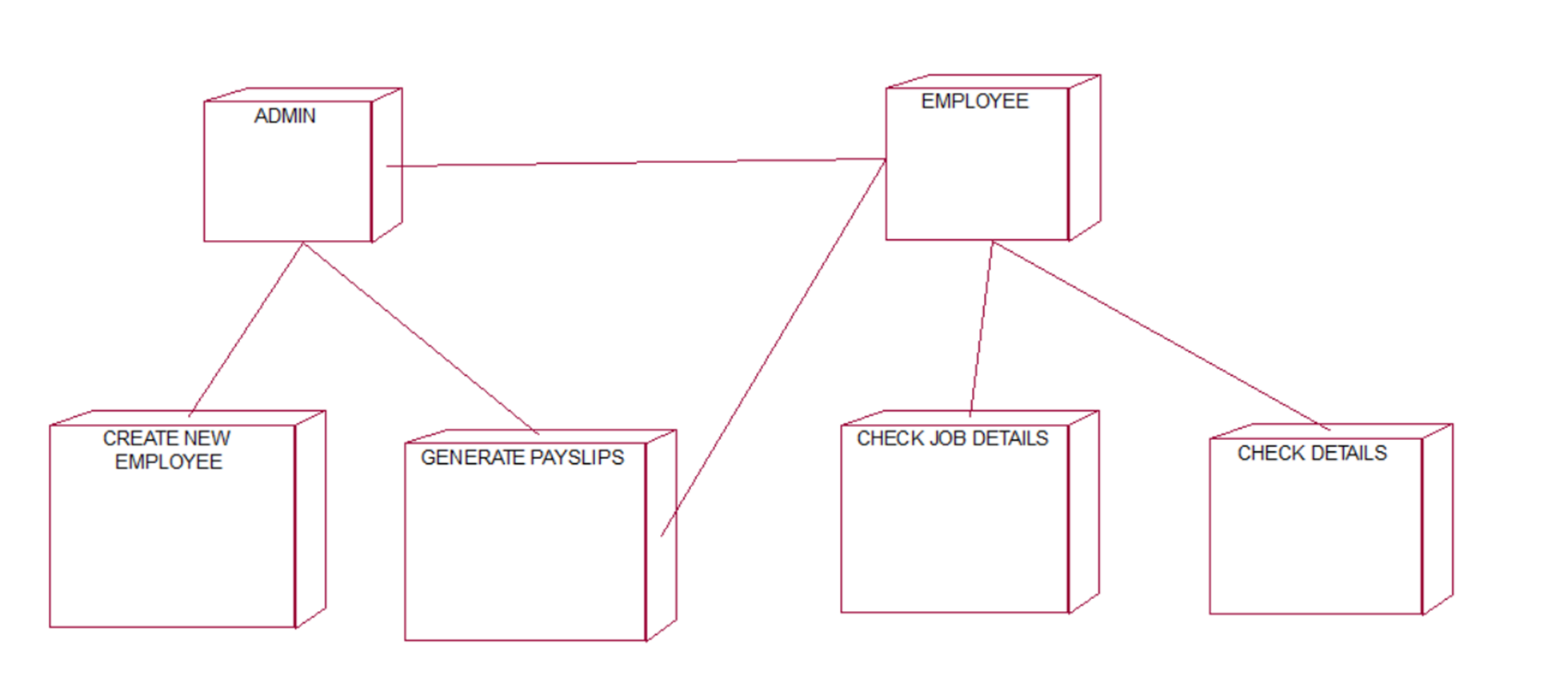
**3.1.4 DEPLOYMENT DIAGRAM**

Deployment diagram represent static view of a system.

Deployment diagram shows the figuration of runtime processing nodes and the components that live them on them.

**Contents:**

Notes and links



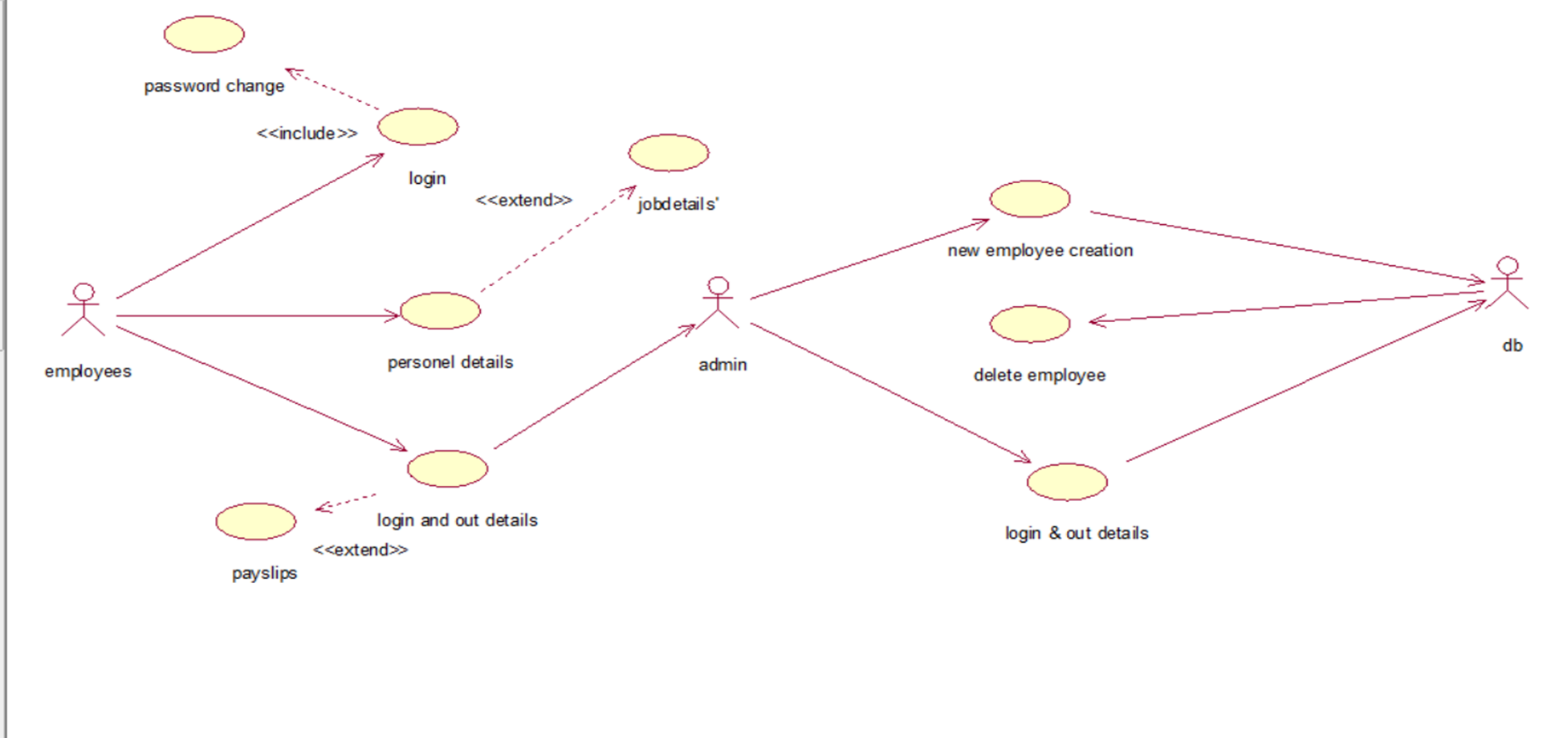
**Fig 04: Deployment Diagram**

**3.2 DYNAMIC DIAGRAMS**

**3.2.1 USECASE DIAGRAM**

Usecase diagram is used for modelling dynamic aspects of a system.It specifies what the system does.**Contents:**

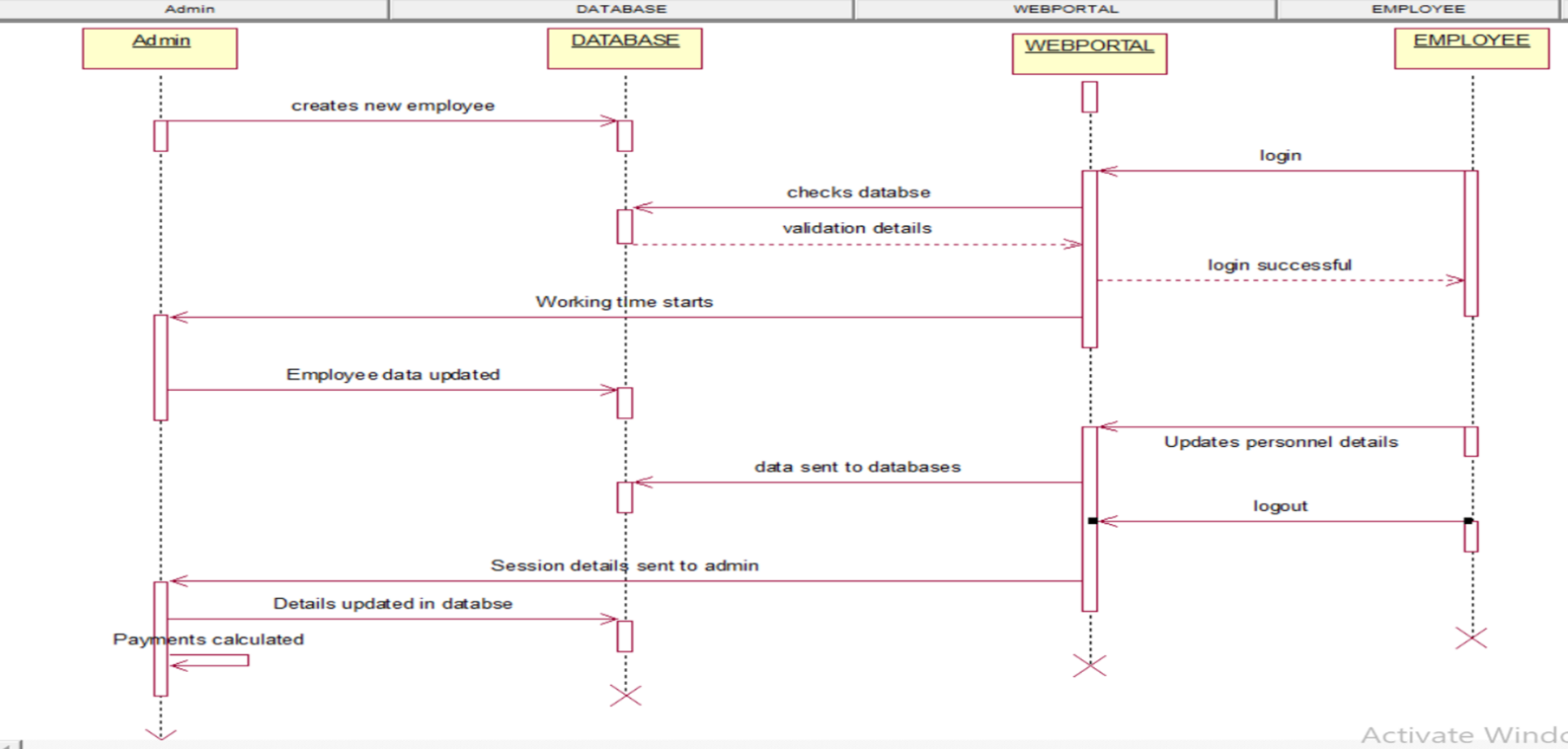
Usecase, actors , relationships, annotation things, grouping things ,constraints, tagged values.**Actors** :user, whole sealer, retailer. **Relationships**: unidirectional association.



**Fig 05:usecase Diagram**

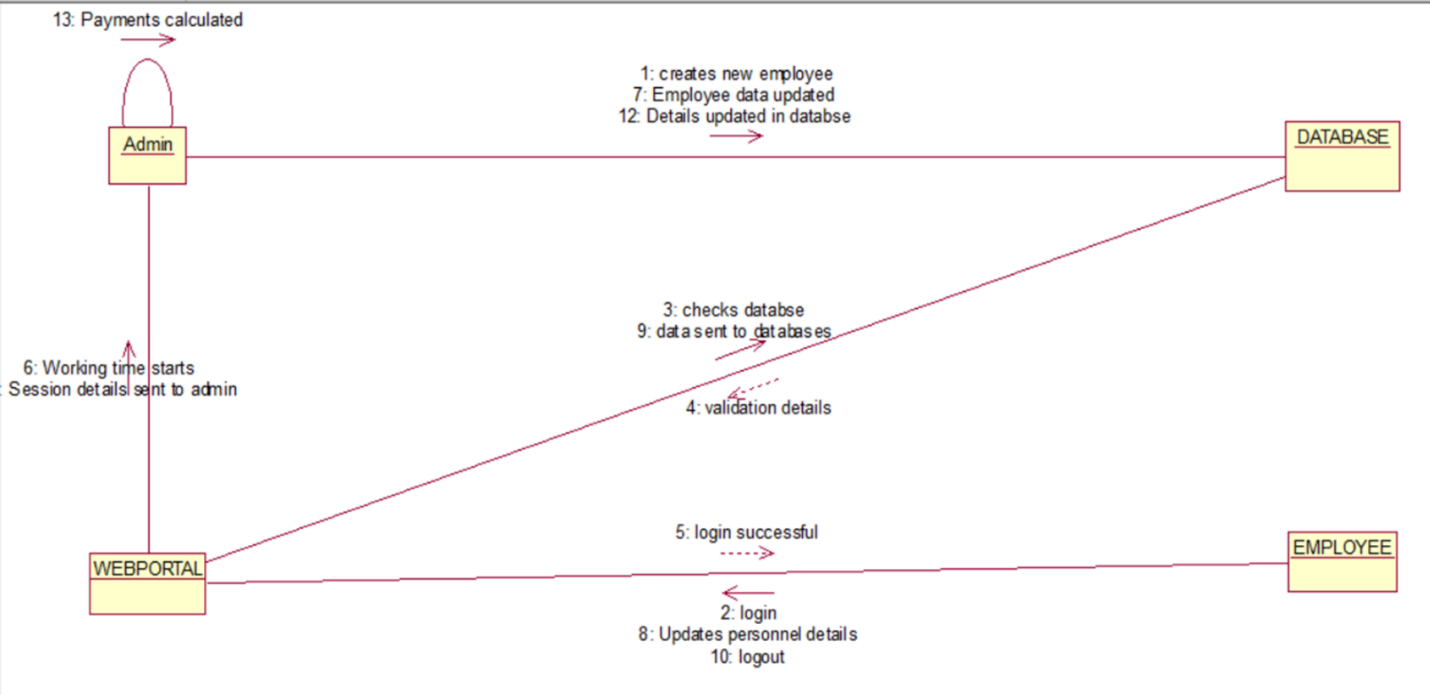
**3.2.2 INTERACTION DIAGRAM**

Interaction diagram is used to design the dynamic aspects of the system.Contents: objects, links, messages**3.2.2.1** **Sequence diagram**: Sequence diagram is one of the two interaction diagrams. It emphasizes on time ordering of messages.



**Fig 06: Sequence Diagram**

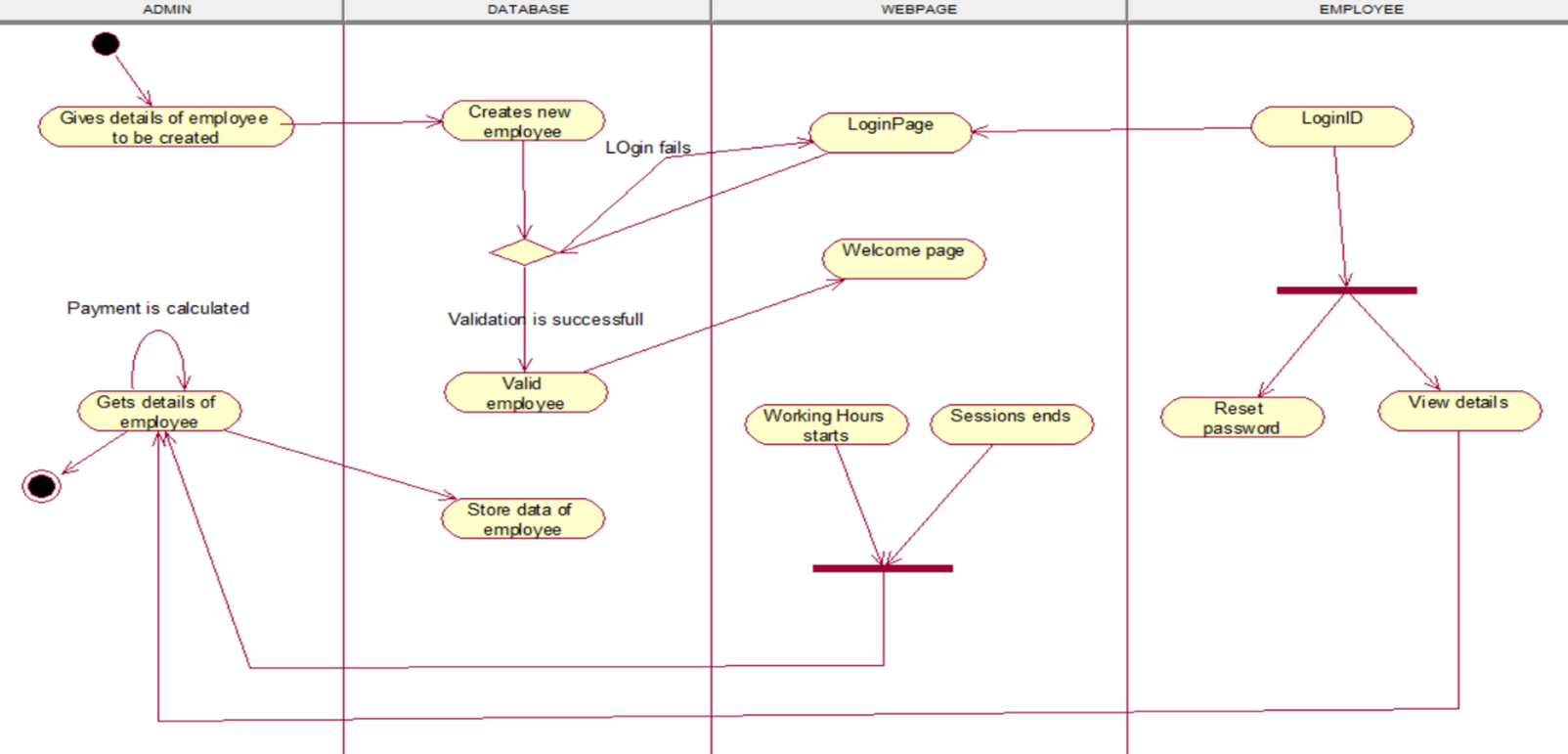
**3.2.2.2 Collaboration diagram**: Collaboration diagram gives structural organization of objects.



**Fig 07: Collaboration Diagram**

**3.2.3 ACTIVITY DIAGRAM**

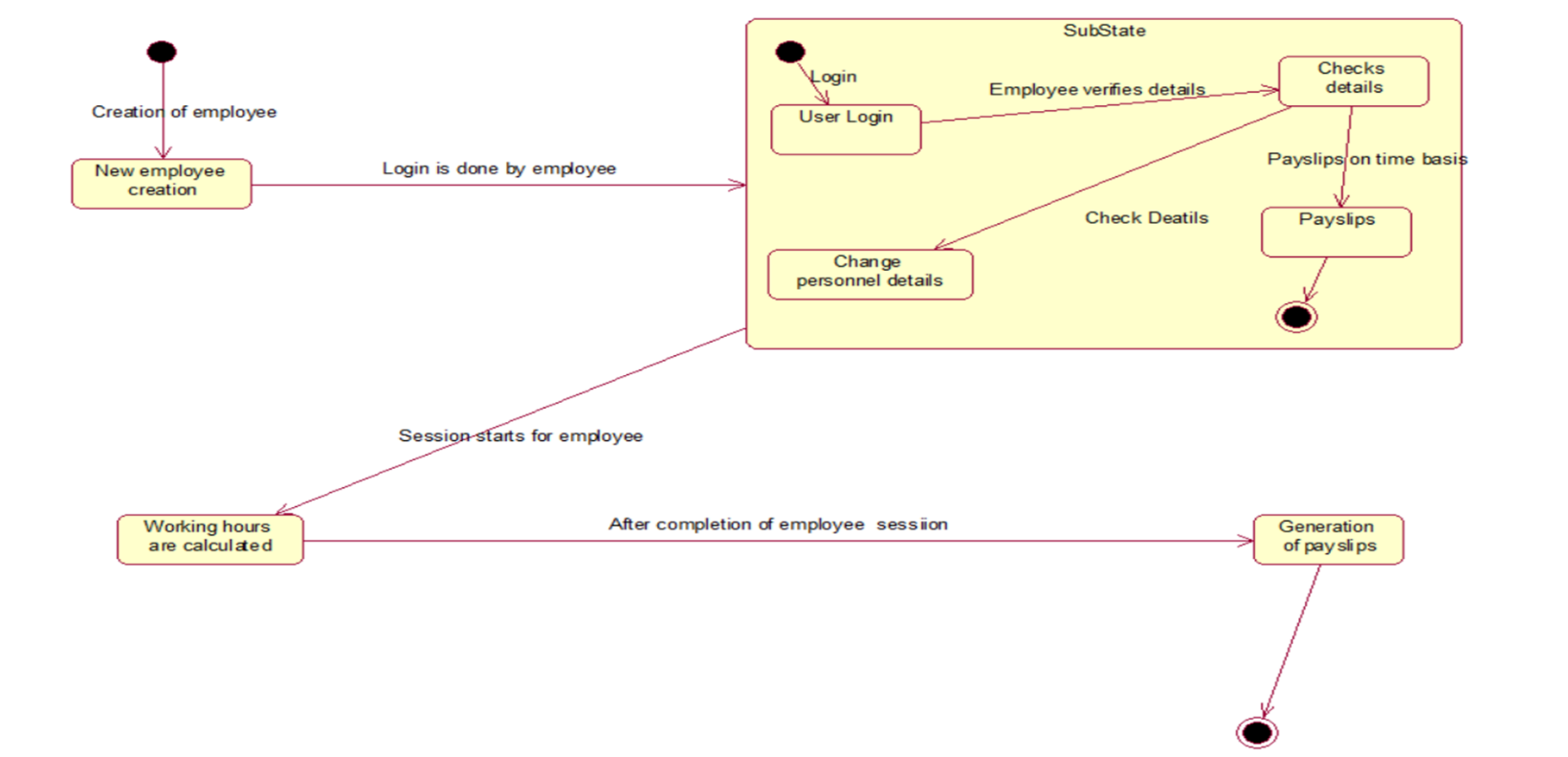
Activity diagram is similar to flow chart. It represents flow of execution from one activity to another activity.**Contents:** Start, end, action, branching, fork, join, transition, swimlane.



**Fig 08: Activity Diagram**

**3.2.4 STATECHAT DIAGRAM**

The statechart diagram is a state machine focussing on the flow of control from one state to another state.**Contents:** initial state, final state, state , transition.



**Fig 09: StateChart Diagram**

**4.SYSTEM IMPLEMENTATION**

**4.1 Modules**

**4.1.1 Creating Credentials**

The credentials for a employee to login are given and created by admin/ employer. The account is the main key for storing details of employee and it helps employee to check his details. The admin has a account given by the database manager.

**4.1.2 Employee Checking Details and Changing**

Employee can check his personnel details, job detail and can change his personnel details.

If employee wants to change is details he can simply do it while the application is opened.

**4.1.3 Payslips Management**

The Payslips for each employee are calculated based on his working time i.e. how much time does the application is opened in background. Payslips data is sent to admin.

**4.1.4 Adding and Deleting of Employee**

It is done by employer by logging in to his account. Employer has a privilege of changing certain details of employee only.

**4.1.5 Checking Details of Employee**

Employer as the access to check details of every employee and all employee details are given to employer from database.

**5.SYSTEM TESTING**

**5.1 BlackBox testing**

Black Box Testing is a software Testing method in which testers evaluate the functionality of the software under test without looking at the internal code structure. This can be applied to every level of software testing such as Unit, Integration, System and Acceptance Testing.

It is also called as Behavioural/Specification-Based/Input-Output Testing.

BlackBox Testing techniques:

1.Equivalance partitioning

2. Boundary Value Analysis

3.Decision Table

4. State Transition

**5.2 WhiteBox testing**

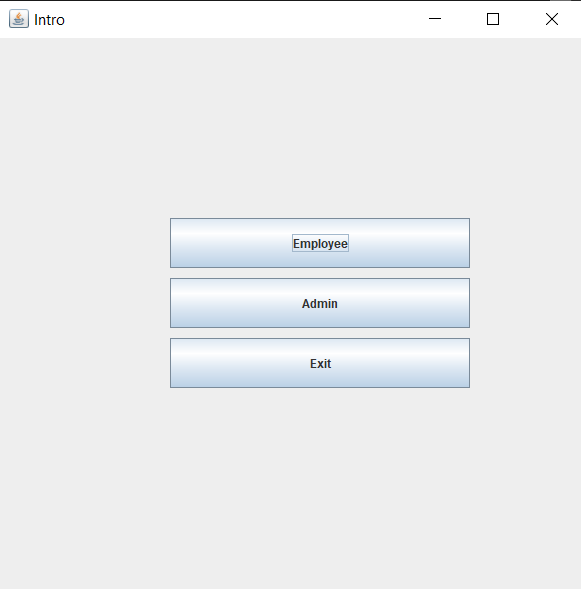
White Box Testing is based on applications internal code structure. In white-box testing an internal perspective of the system, as well as programming skills, are used to design test cases. This testing usually done at the unit level.

It is also called as Glass Box, Clear Box, Structural Testing.

White Box Testing Techniques:

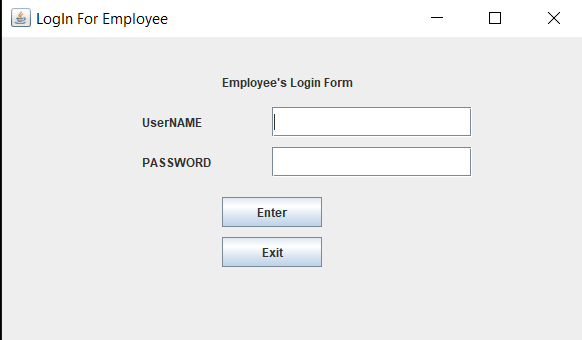
1. Statement Coverage
2. Branch Coverage
3. Path Coverage

**6.RESULT AND ANALASIS**



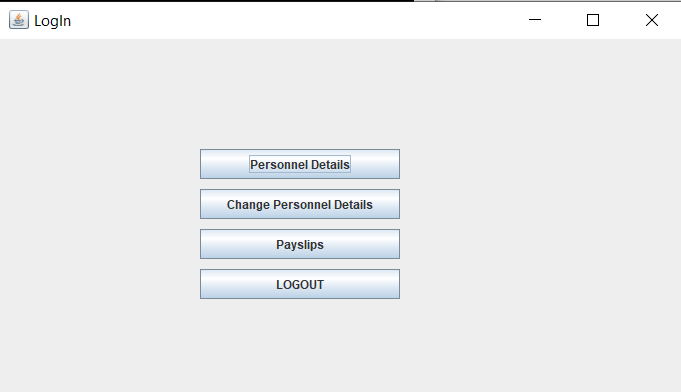
**Fig 10: Starting page**

**LOGIN FORM FOR USER:**

****

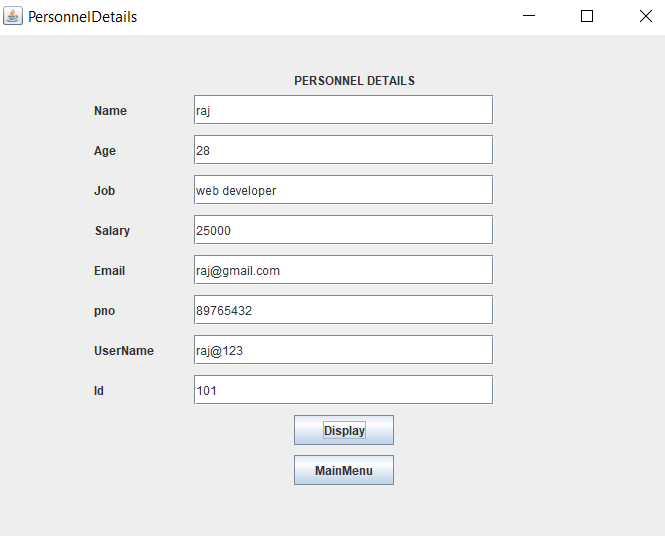
**Fig 11: Login page for employee**

**Main Menu for Employee:**

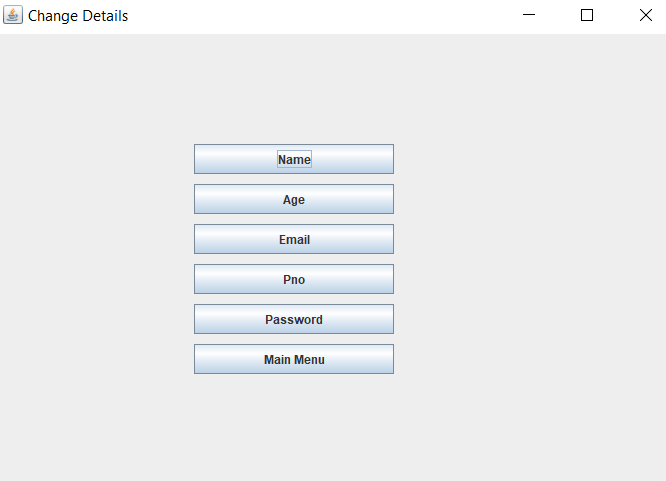
****

**Fig 12: Main Menu of Employee**

**Checking and Changing Personnel Details:**

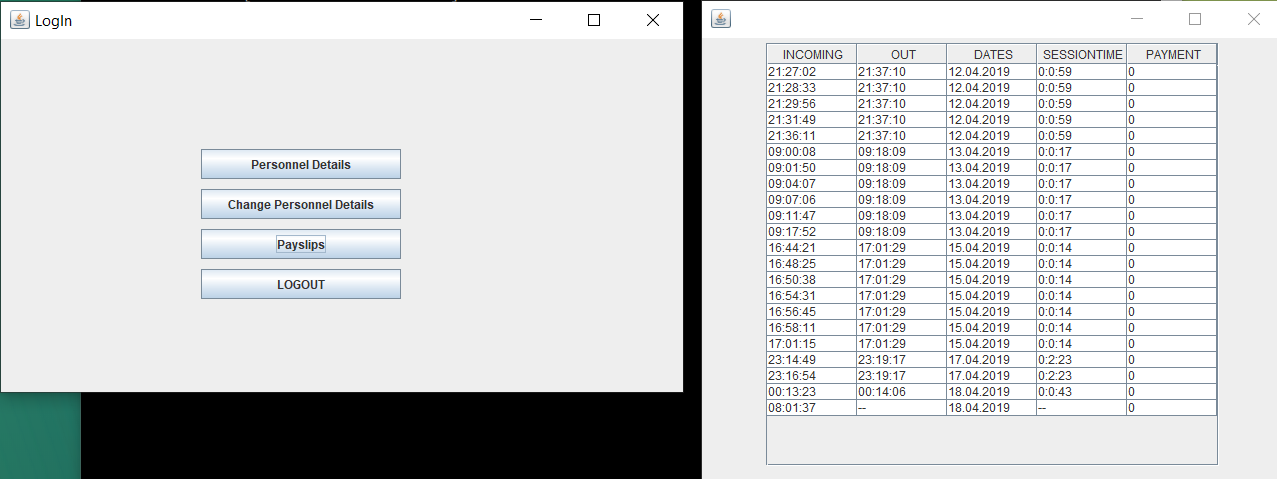
****

**Fig 13.1: Checking Details**

****

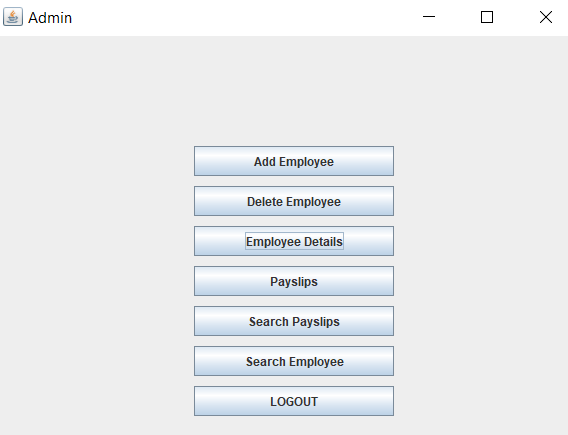
**Fig 13.2: Changing Details**

**Checking Personnel Details:**

****

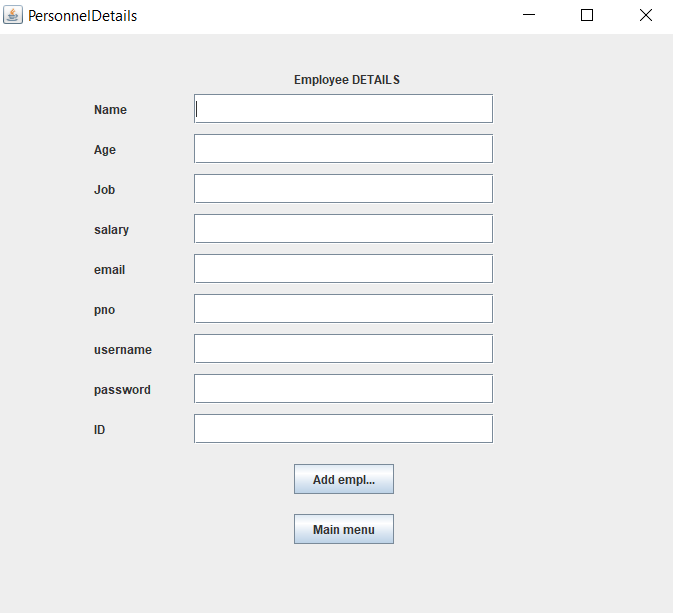
**Fig 14: Payslips of Employee**

**Admin Main Menu:**

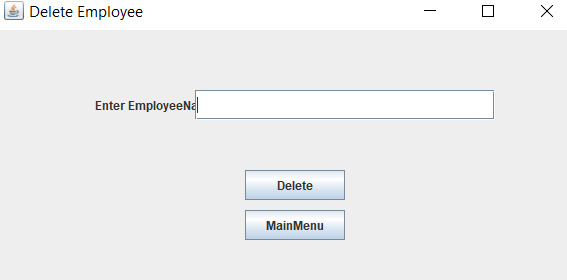
****

**Fig 15: Admin Main Menu**

**Adding and Deleting Employee:**

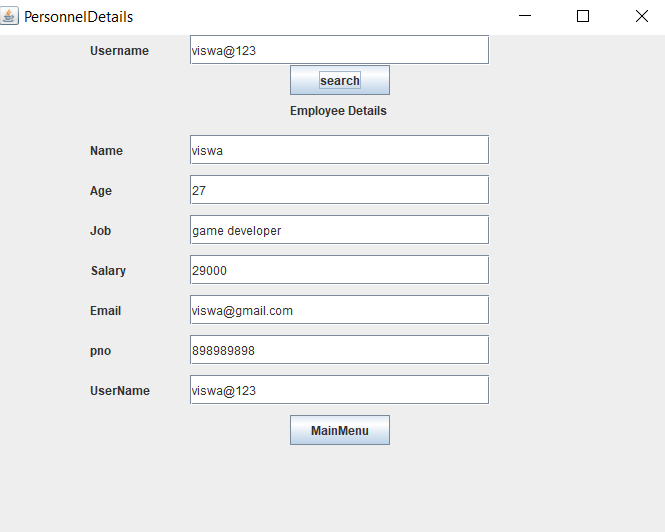
****

**Fig 16.1: Adding Employee**

****

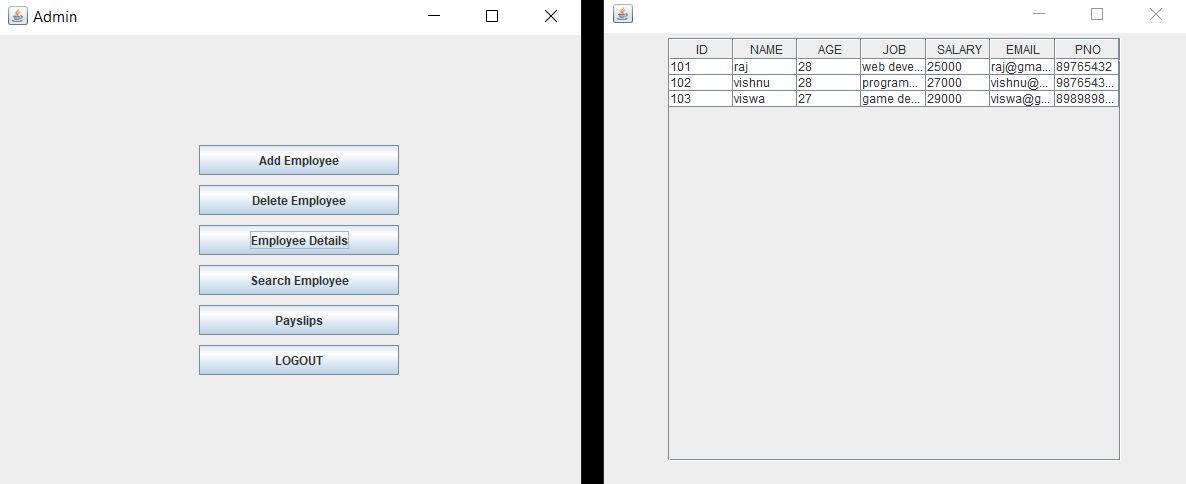
**Fig 16.2: Deleting Employee**

**Employer Checking Employee Details:**

****

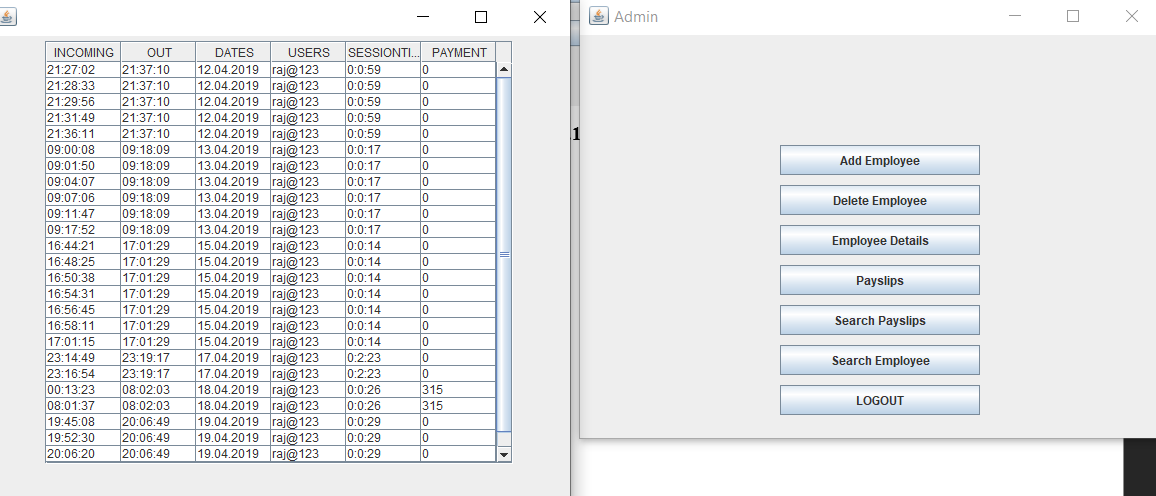
**Fig 17: Checking Details**

**Employer viewing Employee:**

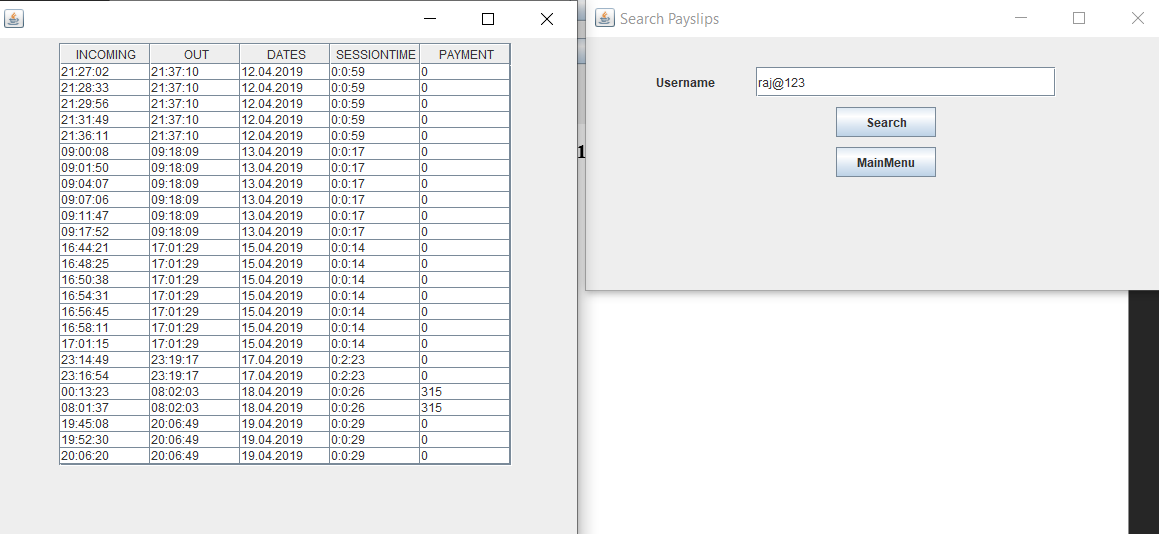
****

**Fig 17: All Employee**

**Admin Viewing Payslips:**

****

**Fig 18.1: All Employee Payslips**

****

**Fig 18.2: Searching Employee Payslips**

**7.Conclusion**

This project sets a Platform to all Employees and Employers to know the exact days they have worked and the exact amount of salary they will be receiving at the end of the month without any errors or faults in the pay slip. This system gives a clear picture to every worker who wants to know how they are being paid. It also helps to maintain data of many employees without any extra maintenance. It has good role to play when we have a large number of work force.

**8.Referances**

<https://www.vidyarthiplus.com/vp/attachment.php?aid=24322>

<http://1000projects.org/software-personnel-management-system-in-vb.html>

**8.APPENDEX**

**import java.awt.EventQueue;**

**import java.awt.Font;**

**import java.awt.event.ActionEvent;**

**import java.awt.event.ActionListener;**

**import javax.swing.JFrame;**

**import javax.swing.JLabel;**

**import javax.swing.JPanel;**

**import javax.swing.Timer;**

**import java.awt.\*;**

**import java.awt.event.\*;**

**import javax.swing.\*;**

**import java.sql.\*;**

**import java.io.\*;**

**import java.util.\*;**

**import javax.swing.table.\*;**

**import java.text.SimpleDateFormat;**

**import java.util.Date;**

**class Intro extends JFrame implements ActionListener //Intro Page**

**{**

**JFrame frame;**

**JButton b1,b2,b3,b4;**

**Intro()**

**{**

**frame=new JFrame("Intro");**

**b1=new JButton("Employee");**

**b2=new JButton("Admin");**

**b3=new JButton("Exit");**

**b1.setBounds(200,110,200,30);**

**b2.setBounds(200,150,200,30);**

**b3.setBounds(200,190,200,30);**

**frame.add(b1);**

**frame.add(b2);**

**frame.add(b3);**

**frame.setSize(600,350);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**b3.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource().equals(b1))**

**{**

**new LoginForm();**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b2))**

**{**

**new LoginFormAdmin();**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b3))**

**{**

**frame.setVisible(false);**

**}**

**}**

**}**

**class LoginForm extends JFrame implements ActionListener //user login**

**{**

**JFrame frame;**

**JLabel l1,l2,l3;**

**JTextField t1;**

**JButton b1,b2;**

**String n;**

**JPasswordField p1;**

**LoginForm()**

**{**

**frame=new JFrame("LogIn Gor Employee");**

**l1=new JLabel("Employee's Login Form");**

**l2=new JLabel("UserNAME");**

**l3=new JLabel("PASSWORD");**

**t1=new JTextField();**

**p1=new JPasswordField();**

**b1=new JButton("Enter");**

**b2=new JButton("Exit");**

**l1.setBounds(220,30,400,30);**

**l2.setBounds(140,70,200,30);**

**l3.setBounds(140,110,200,30);**

**t1.setBounds(270,70,200,30);**

**p1.setBounds(270,110,200,30);**

**b1.setBounds(220,160,100,30);**

**b2.setBounds(220,200,100,30);**

**frame.add(l1);**

**frame.add(l2);**

**frame.add(b2);**

**frame.add(t1);**

**frame.add(l3);**

**frame.add(p1);**

**frame.add(b1);**

**frame.setSize(600,350);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String user=t1.getText();**

**String pass=p1.getText();**

**if(ae.getSource().equals(b1))**

**{**

**if(user.equals("") || pass.equals(""))**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**else**

**{**

**try{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connectionc=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**Statement s=c.createStatement();**

**String ss1="select password from emp where username="+"'"+user+"'";**

**ResultSet rs=s.executeQuery(ss1);**

**while(rs.next())**

**{**

**String s1=rs.getString(1);**

**n=user;**

**if(pass.equals(s1))**

**{**

**new Page1(n);**

**frame.setVisible(false);**

**String time = new SimpleDateFormat("HH:mm:ss").format(new java.util.Date());**

**String date = new SimpleDateFormat("dd.MM.yyyy").format(new java.util.Date());**

**PreparedStatement ps1=c.prepareStatement("insert into payment values(?,'--',?,?,'--',0)");**

**ps1.setString(1,time);**

**ps1.setString(2,date);**

**ps1.setString(3,n);**

**int m=ps1.executeUpdate();**

**}**

**else**

**JOptionPane.showMessageDialog(null,"Enter Correct Details");**

**}**

**rs.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**}**

**}**

**else if(ae.getSource().equals(b2))**

**{**

**new Intro();**

**frame.setVisible(false);**

**}**

**}**

**}**

**class Page1 extends JFrame implements ActionListener //user Main Menu**

**{**

**JFrame frame;**

**JButton b1,b2,b3,b4;**

**String u;**

**int hr1,min1,sec1;**

**long amount=0;**

**Page1(String n)**

**{**

**frame=new JFrame("LogIn");**

**b1=new JButton("Personnel Details");**

**b2=new JButton("Change Personnel Details");**

**b3=new JButton("Check Payslips");**

**b4=new JButton("LOGOUT");**

**b1.setBounds(200,110,200,30);**

**b2.setBounds(200,150,200,30);**

**b3.setBounds(200,190,200,30);**

**b4.setBounds(200,230,200,30);**

**frame.add(b1);**

**frame.add(b2);**

**frame.add(b3);**

**frame.add(b4);**

**frame.setSize(700,400);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**b3.addActionListener(this);**

**b4.addActionListener(this);**

**u=n;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource().equals(b1))**

**{**

**new Page2(u);**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b2))**

**{**

**new Page3(u);**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b4))**

**{**

**try{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**String time = new SimpleDateFormat("HH:mm:ss").format(new java.util.Date());**

**String date = new SimpleDateFormat("dd.MM.yyyy").format(new java.util.Date());**

**PreparedStatement ps1=c.prepareStatement("update payment set out=? where dates=? and users=?");**

**ps1.setString(1,time);**

**ps1.setString(2,date);**

**ps1.setString(3,u);**

**String time1;**

**int m=ps1.executeUpdate();**

**String pruthvi="select incoming from payment where dates="+"'"+date+"'"+" and users="+"'"+u+"'";**

**Statement s=c.createStatement();**

**ResultSet rs=s.executeQuery(pruthvi);**

**while(rs.next())**

**{**

**time1=rs.getString(1);**

**SimpleDateFormat format = new SimpleDateFormat("HH:mm:ss");**

**Date date1 = format.parse(time1);**

**Date date2 = format.parse(time);**

**long difference = date2.getTime() - date1.getTime();**

**long seconds=difference/1000;**

**long p1 = seconds % 60;**

**long p2 = seconds / 60;**

**long p3 = p2 % 60;**

**p2 = p2 / 60;**

**String session=p2 + ":" + p3 + ":" + p1;**

**if(p2>1)**

**{**

**amount=p2\*42;**

**}**

**if(p3>30)**

**{**

**amount=amount+21;**

**}**

**PreparedStatement ps2=c.prepareStatement("update payment set sessionTime=?,payment=? where dates=? and users=?");**

**ps2.setString(1,session);**

**ps2.setLong(2,amount);**

**ps2.setString(3,date);**

**ps2.setString(4,u);**

**ps2.executeUpdate();**

**}**

**c.close();**

**ps1.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**new Intro();**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b3))**

**{**

**new Pay(u);**

**}**

**}**

**}**

**class Page2 extends JFrame implements ActionListener //user personnel details**

**{**

**JFrame frame;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8;**

**JTextField t1,t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**String n;**

**Page2(String u)**

**{**

**frame=new JFrame("PersonnelDetails");**

**t1=new JTextField(10);**

**t2=new JTextField(10);**

**t3=new JTextField(10);**

**t4=new JTextField(10);**

**t5=new JTextField(10);**

**t6=new JTextField(10);**

**t7=new JTextField(10);**

**b1=new JButton("MainMenu");**

**b2=new JButton("Display");**

**l1=new JLabel("PERSONNEL DETAILS");**

**l2=new JLabel("Name");**

**l3=new JLabel("Age");**

**l4=new JLabel("Job");**

**l5=new JLabel("Salary");**

**l6=new JLabel("Email");**

**l7=new JLabel("pno");**

**l8=new JLabel("UserName");**

**frame.add(l1);**

**frame.add(l2);**

**frame.add(t1);**

**frame.add(l3);**

**frame.add(t2);**

**frame.add(l4);**

**frame.add(t3);**

**frame.add(l5);**

**frame.add(t4);**

**frame.add(l6);**

**frame.add(t5);**

**frame.add(l7);**

**frame.add(t6);**

**frame.add(l8);**

**frame.add(t7);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(700,550);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l1.setBounds(300,30,300,30);**

**l2.setBounds(100,60,300,30);**

**t1.setBounds(200,60,300,30);**

**l3.setBounds(100,100,300,30);**

**t2.setBounds(200,100,300,30);**

**l4.setBounds(100,140,300,30);**

**t3.setBounds(200,140,300,30);**

**l5.setBounds(100,180,300,30);**

**t4.setBounds(200,180,300,30);**

**l6.setBounds(100,220,300,30);**

**t5.setBounds(200,220,300,30);**

**l7.setBounds(100,260,300,30);**

**t6.setBounds(200,260,300,30);**

**l8.setBounds(100,300,300,30);**

**t7.setBounds(200,300,300,30);**

**b2.setBounds(300,340,100,30);**

**b1.setBounds(300,380,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**n=u;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource().equals(b2))**

**{**

**try{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**Statement s=c.createStatement();**

**String ss1="select name,age,job,salary,email,pno,username from emp where username="+"'"+n+"'";**

**ResultSet rs=s.executeQuery(ss1);**

**while(rs.next())**

**{**

**t1.setText(rs.getString(1));**

**t2.setText(rs.getString(2));**

**t3.setText(rs.getString(3));**

**t4.setText(rs.getString(4));**

**t5.setText(rs.getString(5));**

**t6.setText(rs.getString(6));**

**t7.setText(rs.getString(7));**

**}**

**rs.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**}**

**else if(ae.getSource().equals(b1))**

**{**

**new Page1(n);**

**frame.setVisible(false);**

**}**

**}**

**}**

**class Page3 extends JFrame implements ActionListener //changing Personel details**

**{**

**JFrame frame;**

**JButton b1,b2,b3,b4,b5,b6;**

**String n;**

**Page3(String u)**

**{**

**frame=new JFrame("Change Details");**

**b1=new JButton("Name");**

**b2=new JButton("Age");**

**b3=new JButton("Email");**

**b4=new JButton("Pno");**

**b5=new JButton("Main Menu");**

**b6=new JButton("Password");**

**frame.setSize(700,400);**

**frame.setLayout(null);**

**frame.add(b1);**

**frame.add(b2);**

**frame.add(b3);**

**frame.add(b4);**

**frame.add(b5);**

**frame.add(b6);**

**b1.setBounds(200,110,200,30);**

**b2.setBounds(200,150,200,30);**

**b3.setBounds(200,190,200,30);**

**b4.setBounds(200,230,200,30);**

**b5.setBounds(200,310,200,30);**

**b6.setBounds(200,270,200,30);**

**frame.setVisible(true);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**b3.addActionListener(this);**

**b4.addActionListener(this);**

**b5.addActionListener(this);**

**b6.addActionListener(this);**

**n=u;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource().equals(b1))**

**{**

**new Name(n);**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b2))**

**{**

**new Age(n);**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b3))**

**{**

**new Email(n);**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b4))**

**{**

**new Pno(n);**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b5))**

**{**

**new Page1(n);**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b6))**

**{**

**String u=n;**

**new Change(u);**

**frame.setVisible(false);**

**}**

**}**

**}**

**class Name extends JFrame implements ActionListener //changing Name**

**{**

**JFrame frame;**

**JLabel l2,l3,l4,l5,l6,l7,l8;**

**JTextField t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**String u;**

**Name(String n)**

**{**

**frame=new JFrame("Change Name");**

**t2=new JTextField(10);**

**b1=new JButton("MainMenu");**

**l2=new JLabel("New Name");**

**b2=new JButton("Change ");**

**frame.add(l2);**

**frame.add(t2);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(600,300);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l2.setBounds(70,30,300,30);**

**t2.setBounds(170,30,300,30);**

**b2.setBounds(250,70,100,30);**

**b1.setBounds(250,110,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**u=n;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String s1=t2.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(s1.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**PreparedStatement ps=c.prepareStatement("update emp set name=? where username=?");**

**ps.setString(1,s1);**

**ps.setString(2,u);**

**int m=ps.executeUpdate();**

**if(m==1)**

**JOptionPane.showMessageDialog(null,"updated");**

**ps.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**new Page3(u);**

**frame.setVisible(false);**

**}**

**}**

**else**

**{**

**String n=u;**

**frame.setVisible(false);**

**new Page1(n);**

**}**

**}**

**}**

**class Age extends JFrame implements ActionListener //changing Age**

**{**

**JFrame frame;**

**JLabel l2,l3,l4,l5,l6,l7,l8;**

**JTextField t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**String u;**

**Age(String n)**

**{**

**frame=new JFrame("Change Age");**

**t2=new JTextField(10);**

**b1=new JButton("MainMenu");**

**l2=new JLabel("New Age");**

**b2=new JButton("Change ");**

**frame.add(l2);**

**frame.add(t2);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(600,300);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l2.setBounds(70,30,300,30);**

**t2.setBounds(170,30,300,30);**

**b2.setBounds(250,70,100,30);**

**b1.setBounds(250,110,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**u=n;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String s1=t2.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(s1.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**PreparedStatement ps=c.prepareStatement("update emp set age=? where username=?");**

**ps.setString(1,s1);**

**ps.setString(2,u);**

**int m=ps.executeUpdate();**

**if(m==1)**

**JOptionPane.showMessageDialog(null,"updated");**

**ps.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**new Page3(u);**

**frame.setVisible(false);**

**}**

**}**

**else**

**{**

**String n=u;**

**frame.setVisible(false);**

**new Page1(n);**

**}**

**}**

**}**

**class Email extends JFrame implements ActionListener //changing Email**

**{**

**JFrame frame;**

**JLabel l2,l3,l4,l5,l6,l7,l8;**

**JTextField t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**String u;**

**Email(String n)**

**{**

**frame=new JFrame("Change Email");**

**t2=new JTextField(10);**

**b1=new JButton("MainMenu");**

**l2=new JLabel("New Email");**

**b2=new JButton("Change ");**

**frame.add(l2);**

**frame.add(t2);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(600,300);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l2.setBounds(70,30,300,30);**

**t2.setBounds(170,30,300,30);**

**b2.setBounds(250,70,100,30);**

**b1.setBounds(250,110,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**u=n;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String s1=t2.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(s1.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**PreparedStatement ps=c.prepareStatement("update emp set email=? where username=?");**

**ps.setString(1,s1);**

**ps.setString(2,u);**

**int m=ps.executeUpdate();**

**if(m==1)**

**JOptionPane.showMessageDialog(null,"updated");**

**ps.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**new Page3(u);**

**frame.setVisible(false);**

**}**

**}**

**else**

**{**

**String n=u;**

**frame.setVisible(false);**

**new Page1(n);**

**}**

**}**

**}**

**class Pno extends JFrame implements ActionListener //changing Pno**

**{**

**JFrame frame;**

**JLabel l2,l3,l4,l5,l6,l7,l8;**

**JTextField t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**String u;**

**Pno(String n)**

**{**

**frame=new JFrame("Change Pno");**

**t2=new JTextField(10);**

**b1=new JButton("MainMenu");**

**l2=new JLabel("New Pno");**

**b2=new JButton("Change ");**

**frame.add(l2);**

**frame.add(t2);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(600,300);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l2.setBounds(70,30,300,30);**

**t2.setBounds(170,30,300,30);**

**b2.setBounds(250,70,100,30);**

**b1.setBounds(250,110,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**u=n;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String s1=t2.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(s1.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**PreparedStatement ps=c.prepareStatement("update emp set pno=? where username=?");**

**ps.setString(1,s1);**

**ps.setString(2,u);**

**int m=ps.executeUpdate();**

**if(m==1)**

**JOptionPane.showMessageDialog(null,"updated");**

**ps.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**new Page3(u);**

**frame.setVisible(false);**

**}**

**}**

**else**

**{**

**String n=u;**

**frame.setVisible(false);**

**new Page1(n);**

**}**

**}**

**}**

**class Change extends JFrame implements ActionListener //password change**

**{**

**JFrame frame;**

**JLabel l2,l3,l4,l5,l6,l7,l8;**

**JTextField t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**String n;**

**Change(String u)**

**{**

**frame=new JFrame("Change Password");**

**t2=new JTextField(10);**

**b1=new JButton("MainMenu");**

**l2=new JLabel("New Password");**

**b2=new JButton("Change ");**

**frame.add(l2);**

**frame.add(t2);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(600,300);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l2.setBounds(70,30,300,30);**

**t2.setBounds(170,30,300,30);**

**b2.setBounds(250,70,100,30);**

**b1.setBounds(250,110,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**n=u;**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String s1=t2.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(s1.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**PreparedStatement ps=c.prepareStatement("update emp set password=? where username=?");**

**ps.setString(1,s1);**

**ps.setString(2,n);**

**int m=ps.executeUpdate();**

**if(m==1)**

**JOptionPane.showMessageDialog(null,"updated");**

**ps.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**new Page1(n);**

**frame.setVisible(false);**

**}**

**}**

**else**

**{**

**frame.setVisible(false);**

**new Page1(n);**

**}**

**}**

**}**

**class Pay //user payslips**

**{**

**Pay(String u)**

**{**

**String n=u;**

**Vector columnNames = new Vector();**

**Vector data = new Vector();**

**JPanel p=new JPanel();**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**String sql = "select incoming,out,dates,sessiontime,payment from payment"+" where users="+"'"+n+"'";**

**Statement stmt = con.createStatement();**

**ResultSet rs = stmt.executeQuery( sql );**

**ResultSetMetaData md = rs.getMetaData();**

**int columns = md.getColumnCount();**

**for (int i = 1; i <= columns; i++)**

**{**

**columnNames.addElement( md.getColumnName(i) );**

**}**

**while (rs.next())**

**{**

**Vector row = new Vector(columns);**

**for (int i = 1; i <= columns; i++)**

**{**

**row.addElement( rs.getObject(i) );**

**}**

**data.addElement( row );**

**}**

**rs.close();**

**stmt.close();**

**}**

**catch(Exception e)**

**{**

**System.out.println(e);**

**}**

**JTable table = new JTable(data, columnNames);**

**TableColumn col;**

**for (int i = 0; i < table.getColumnCount(); i++)**

**{**

**col = table.getColumnModel().getColumn(i);**

**col.setMaxWidth(370);**

**}**

**JScrollPane scrollPane = new JScrollPane( table );**

**p.add( scrollPane );**

**JFrame f=new JFrame();**

**f.add(p);**

**f.setSize(600,550);**

**f.setVisible(true);**

**}**

**}**

**class LoginFormAdmin extends JFrame implements ActionListener //Admin login**

**{**

**JFrame frame;**

**JLabel l1,l2,l3;**

**JTextField t1;**

**JButton b1;**

**JPasswordField p1;**

**LoginFormAdmin()**

**{**

**frame=new JFrame("LogIn For Admin");**

**l1=new JLabel("Admin's Login Form");**

**l2=new JLabel("UserNAME");**

**l3=new JLabel("PASSWORD");**

**t1=new JTextField();**

**p1=new JPasswordField();**

**b1=new JButton("Enter");**

**l1.setBounds(220,30,400,30);**

**l2.setBounds(140,70,200,30);**

**l3.setBounds(140,110,200,30);**

**t1.setBounds(270,70,200,30);**

**p1.setBounds(270,110,200,30);**

**b1.setBounds(220,160,100,30);**

**frame.add(l1);**

**frame.add(l2);**

**frame.add(t1);**

**frame.add(l3);**

**frame.add(p1);**

**frame.add(b1);**

**frame.setSize(600,350);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**b1.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String user=t1.getText();**

**String pass=p1.getText();**

**if(ae.getSource().equals(b1))**

**{**

**if(user.equals("") || pass.equals(""))**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**else**

**{**

**try{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**Statement s=c.createStatement();**

**String ss1="select password from admin where username="+"'"+user+"'";**

**ResultSet rs=s.executeQuery(ss1);**

**while(rs.next())**

**{**

**String s1=rs.getString(1);**

**if(pass.equals(s1))**

**{**

**new A\_Page1();**

**frame.setVisible(false);**

**}**

**else**

**{**

**JOptionPane.showMessageDialog(null,"Not An Admin");**

**}**

**}**

**rs.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**}**

**}**

**}**

**}**

**class A\_Page1 extends JFrame implements ActionListener //admin main menu**

**{**

**JFrame frame;**

**JButton b1,b2,b3,b4,b5,b6,b7;**

**A\_Page1()**

**{**

**frame=new JFrame("Admin");**

**b1=new JButton("Add Employee");**

**b5=new JButton("Delete Employee");**

**b2=new JButton("Employee Details");**

**b3=new JButton("Payslips");**

**b6=new JButton("Search Payslips");**

**b7=new JButton("Search Employee");**

**b4=new JButton("LOGOUT");**

**b1.setBounds(200,110,200,30);**

**b5.setBounds(200,150,200,30);**

**b2.setBounds(200,190,200,30);**

**b3.setBounds(200,230,200,30);**

**b6.setBounds(200,270,200,30);**

**b7.setBounds(200,310,200,30);**

**b4.setBounds(200,350,200,30);**

**frame.add(b1);**

**frame.add(b2);**

**frame.add(b3);**

**frame.add(b4);**

**frame.add(b5);**

**frame.add(b6);**

**frame.add(b7);**

**frame.setSize(600,450);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**b3.addActionListener(this);**

**b4.addActionListener(this);**

**b5.addActionListener(this);**

**b6.addActionListener(this);**

**b7.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**if(ae.getSource().equals(b1))**

**{**

**new A\_Page2();**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b5))**

**{**

**new A\_Page4();**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b2))**

**{**

**new A\_Page3();**

**//frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b3))**

**{**

**new A\_Page5();**

**//frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b4))**

**{**

**new Intro();**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b6))**

**{**

**new A\_Page6();**

**frame.setVisible(false);**

**}**

**else if(ae.getSource().equals(b7))**

**{**

**new A\_Page7();**

**frame.setVisible(false);**

**}**

**}**

**}**

**class A\_Page2 extends JFrame implements ActionListener //Admin adding employee**

**{**

**JFrame frame;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9,l10;**

**JTextField t1,t2,t3,t4,t5,t6,t7,t8,t9;**

**JButton b1,b2;**

**A\_Page2()**

**{**

**frame=new JFrame("PersonnelDetails");**

**t1=new JTextField(10);**

**t2=new JTextField(10);**

**t3=new JTextField(10);**

**t4=new JTextField(10);**

**t5=new JTextField(10);**

**t6=new JTextField(10);**

**t7=new JTextField(10);**

**t8=new JTextField(10);**

**t9=new JTextField(10);**

**b1=new JButton("Add employee");**

**b2=new JButton("Main menu");**

**l1=new JLabel("Employee DETAILS");**

**l2=new JLabel("Name");**

**l3=new JLabel("Age");**

**l4=new JLabel("Job");**

**l5=new JLabel("salary");**

**l6=new JLabel("email");**

**l7=new JLabel("pno");**

**l8=new JLabel("username");**

**l9=new JLabel("password");**

**l10=new JLabel("ID");**

**frame.add(l1);**

**frame.add(l2);**

**frame.add(t1);**

**frame.add(l3);**

**frame.add(t2);**

**frame.add(l4);**

**frame.add(t3);**

**frame.add(l5);**

**frame.add(t4);**

**frame.add(l6);**

**frame.add(t5);**

**frame.add(l7);**

**frame.add(t6);**

**frame.add(l8);**

**frame.add(t7);**

**frame.add(l9);**

**frame.add(t8);**

**frame.add(b1);**

**frame.add(b2);**

**frame.add(l10);**

**frame.add(t9);**

**frame.setSize(700,600);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l1.setBounds(300,30,300,30);**

**l2.setBounds(100,60,300,30);**

**t1.setBounds(200,60,300,30);**

**l3.setBounds(100,100,300,30);**

**t2.setBounds(200,100,300,30);**

**l4.setBounds(100,140,300,30);**

**t3.setBounds(200,140,300,30);**

**l5.setBounds(100,180,300,30);**

**t4.setBounds(200,180,300,30);**

**l6.setBounds(100,220,300,30);**

**t5.setBounds(200,220,300,30);**

**l7.setBounds(100,260,300,30);**

**t6.setBounds(200,260,300,30);**

**l8.setBounds(100,300,300,30);**

**t7.setBounds(200,300,300,30);**

**l9.setBounds(100,340,300,30);**

**t8.setBounds(200,340,300,30);**

**l10.setBounds(100,380,300,30);**

**t9.setBounds(200,380,300,30);**

**b1.setBounds(300,420,100,30);**

**b2.setBounds(300,460,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**try{**

**if(ae.getSource().equals(b1))**

**{**

**String s1=t1.getText();**

**int s2=Integer.parseInt(t2.getText());**

**String s3=t3.getText();**

**int s4=Integer.parseInt(t4.getText());**

**String s5=t5.getText();**

**int s6=Integer.parseInt(t6.getText());**

**String s7=t7.getText();**

**String s8=t8.getText();**

**int s9=Integer.parseInt(t9.getText());**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**PreparedStatement ps=c.prepareStatement("insert into emp values(?,?,?,?,?,?,?,?,?)");**

**ps.setInt(1,s9);**

**ps.setString(2,s1);**

**ps.setInt(3,s2);**

**ps.setString(4,s3);**

**ps.setInt(5,s4);**

**ps.setString(6,s5);**

**ps.setInt(7,s6);**

**ps.setString(8,s8);**

**ps.setString(9,s5);**

**int m=ps.executeUpdate();**

**JOptionPane.showMessageDialog(null,"successfully registered");**

**if(m==1)**

**{**

**ps.close();**

**c.close();**

**frame.setVisible(false);**

**new A\_Page2();**

**}**

**}**

**catch(Exception aa){}**

**}**

**else if(ae.getSource().equals(b2))**

**{**

**new A\_Page1();**

**frame.setVisible(false);**

**}**

**}**

**catch(Exception ee)**

**{**

**new A\_Page1();**

**frame.setVisible(false);**

**}**

**}**

**}**

**class A\_Page3 //Admin displaying employee details**

**{**

**A\_Page3()**

**{**

**Vector columnNames = new Vector();**

**Vector data = new Vector();**

**JPanel p=new JPanel();**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**String sql = "select id,name,age,job,salary,email,pno from emp";**

**Statement stmt = con.createStatement();**

**ResultSet rs = stmt.executeQuery( sql );**

**ResultSetMetaData md = rs.getMetaData();**

**int columns = md.getColumnCount();**

**for (int i = 1; i <= columns; i++)**

**{**

**columnNames.addElement( md.getColumnName(i) );**

**}**

**while (rs.next())**

**{**

**Vector row = new Vector(columns);**

**for (int i = 1; i <= columns; i++)**

**{**

**row.addElement( rs.getObject(i) );**

**}**

**data.addElement( row );**

**}**

**rs.close();**

**stmt.close();**

**}**

**catch(Exception e)**

**{**

**System.out.println(e);**

**}**

**JTable table = new JTable(data, columnNames);**

**TableColumn col;**

**for (int i = 0; i < table.getColumnCount(); i++)**

**{**

**col = table.getColumnModel().getColumn(i);**

**col.setMaxWidth(370);**

**}**

**JScrollPane scrollPane = new JScrollPane( table );**

**p.add( scrollPane );**

**JFrame f=new JFrame();**

**f.add(p);**

**f.setSize(600,550);**

**f.setVisible(true);**

**}**

**}**

**class A\_Page4 extends JFrame implements ActionListener //delete employee by admin**

**{**

**JFrame frame;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8;**

**JTextField t1,t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**A\_Page4()**

**{**

**frame=new JFrame("Delete Employee");**

**t1=new JTextField(10);**

**b1=new JButton("MainMenu");**

**l1=new JLabel("Enter EmployeeName");**

**b2=new JButton("Delete");**

**frame.add(l1);**

**frame.add(t1);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(600,300);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l1.setBounds(100,60,300,30);**

**t1.setBounds(200,60,300,30);**

**b2.setBounds(250,140,100,30);**

**b1.setBounds(250,180,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String s1=t1.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(s1.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**PreparedStatement ps=c.prepareStatement("delete from emp where name=?");**

**ps.setString(1,s1);**

**int m=ps.executeUpdate();**

**if(m==1)**

**JOptionPane.showMessageDialog(null,"Deleted");**

**ps.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**frame.setVisible(false);**

**new A\_Page4();**

**}**

**}**

**else**

**{**

**frame.setVisible(false);**

**new A\_Page1();**

**}**

**}**

**}**

**class A\_Page5 //Admin payslips**

**{**

**A\_Page5()**

**{**

**Vector columnNames = new Vector();**

**Vector data = new Vector();**

**JPanel p=new JPanel();**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**String sql = "select incoming,out,dates,users,sessionTime,payment from payment";**

**Statement stmt = con.createStatement();**

**ResultSet rs = stmt.executeQuery( sql );**

**ResultSetMetaData md = rs.getMetaData();**

**int columns = md.getColumnCount();**

**for (int i = 1; i <= columns; i++)**

**{**

**columnNames.addElement( md.getColumnName(i) );**

**}**

**while (rs.next())**

**{**

**Vector row = new Vector(columns);**

**for (int i = 1; i <= columns; i++)**

**{**

**row.addElement( rs.getObject(i) );**

**}**

**data.addElement( row );**

**}**

**rs.close();**

**stmt.close();**

**}**

**catch(Exception e)**

**{**

**System.out.println(e);**

**}**

**JTable table = new JTable(data, columnNames);**

**TableColumn col;**

**for (int i = 0; i < table.getColumnCount(); i++)**

**{**

**col = table.getColumnModel().getColumn(i);**

**col.setMaxWidth(500);**

**}**

**JScrollPane scrollPane = new JScrollPane( table );**

**p.add( scrollPane );**

**JFrame f=new JFrame();**

**f.add(p);**

**f.setSize(600,550);**

**f.setVisible(true);**

**}**

**}**

**class A\_Page6 extends JFrame implements ActionListener //searching Payslips**

**{**

**JFrame frame;**

**JLabel l2,l3,l4,l5,l6,l7,l8;**

**JTextField t2,t3,t4,t5,t6,t7;**

**JButton b1,b2;**

**String n;**

**A\_Page6()**

**{**

**frame=new JFrame("Search Payslips");**

**t2=new JTextField(10);**

**b1=new JButton("MainMenu");**

**l2=new JLabel("Username");**

**b2=new JButton("Search");**

**frame.add(l2);**

**frame.add(t2);**

**frame.add(b2);**

**frame.add(b1);**

**frame.setSize(600,300);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l2.setBounds(70,30,300,30);**

**t2.setBounds(170,30,300,30);**

**b2.setBounds(250,70,100,30);**

**b1.setBounds(250,110,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String u=t2.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(u.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**Vector columnNames = new Vector();**

**Vector data = new Vector();**

**JPanel p=new JPanel();**

**try**

**{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**String sql = "select incoming,out,dates,sessiontime,payment from payment"+" where users="+"'"+u+"'";**

**Statement stmt = con.createStatement();**

**ResultSet rs = stmt.executeQuery( sql );**

**ResultSetMetaData md = rs.getMetaData();**

**int columns = md.getColumnCount();**

**for (int i = 1; i <= columns; i++)**

**{**

**columnNames.addElement( md.getColumnName(i) );**

**}**

**while (rs.next())**

**{**

**Vector row = new Vector(columns);**

**for (int i = 1; i <= columns; i++)**

**{**

**row.addElement( rs.getObject(i) );**

**}**

**data.addElement( row );**

**}**

**rs.close();**

**stmt.close();**

**}**

**catch(Exception e)**

**{**

**System.out.println(e);**

**}**

**JTable table = new JTable(data, columnNames);**

**TableColumn col;**

**for (int i = 0; i < table.getColumnCount(); i++)**

**{**

**col = table.getColumnModel().getColumn(i);**

**col.setMaxWidth(370);**

**}**

**JScrollPane scrollPane = new JScrollPane( table );**

**p.add( scrollPane );**

**JFrame f=new JFrame();**

**f.add(p);**

**f.setSize(600,550);**

**f.setVisible(true);**

**}**

**}**

**else if(ae.getSource().equals(b1))**

**{**

**new A\_Page1();**

**frame.setVisible(false);**

**}**

**}**

**}**

**class A\_Page7 extends JFrame implements ActionListener //seraching user details**

**{**

**JFrame frame;**

**JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9;**

**JTextField t1,t2,t3,t4,t5,t6,t7,t8;**

**JButton b1,b2;**

**String n;**

**A\_Page7()**

**{**

**frame=new JFrame("Employee Details");**

**t1=new JTextField(10);**

**t2=new JTextField(10);**

**t3=new JTextField(10);**

**t4=new JTextField(10);**

**t5=new JTextField(10);**

**t6=new JTextField(10);**

**t7=new JTextField(10);**

**t8=new JTextField(10);**

**b1=new JButton("MainMenu");**

**b2=new JButton("Search");**

**l1=new JLabel("PERSONNEL DETAILS");**

**l2=new JLabel("Name");**

**l3=new JLabel("Age");**

**l4=new JLabel("Job");**

**l5=new JLabel("Salary");**

**l6=new JLabel("Email");**

**l7=new JLabel("pno");**

**l8=new JLabel("Id");**

**l9=new JLabel("UserName");**

**frame.add(l1);**

**frame.add(l2);**

**frame.add(t1);**

**frame.add(l3);**

**frame.add(t2);**

**frame.add(l4);**

**frame.add(t3);**

**frame.add(l5);**

**frame.add(t4);**

**frame.add(l6);**

**frame.add(t5);**

**frame.add(l7);**

**frame.add(t6);**

**frame.add(l8);**

**frame.add(t7);**

**frame.add(b2);**

**frame.add(b1);**

**frame.add(t8);**

**frame.add(l9);**

**frame.setSize(700,550);**

**frame.setLayout(null);**

**frame.setVisible(true);**

**l9.setBounds(100,0,300,30);**

**t8.setBounds(200,0,300,30);**

**l1.setBounds(300,30,300,30);**

**l2.setBounds(100,60,300,30);**

**t1.setBounds(200,60,300,30);**

**l3.setBounds(100,100,300,30);**

**t2.setBounds(200,100,300,30);**

**l4.setBounds(100,140,300,30);**

**t3.setBounds(200,140,300,30);**

**l5.setBounds(100,180,300,30);**

**t4.setBounds(200,180,300,30);**

**l6.setBounds(100,220,300,30);**

**t5.setBounds(200,220,300,30);**

**l7.setBounds(100,260,300,30);**

**t6.setBounds(200,260,300,30);**

**l8.setBounds(100,300,300,30);**

**t7.setBounds(200,300,300,30);**

**b2.setBounds(300,340,100,30);**

**b1.setBounds(300,380,100,30);**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ae)**

**{**

**String s1=t8.getText();**

**if(ae.getSource().equals(b2))**

**{**

**if(s1.equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Enter all feilds");**

**}**

**else**

**{**

**try{**

**DriverManager.registerDriver(new oracle.jdbc.OracleDriver());**

**Connection c=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");**

**Statement s=c.createStatement();**

**String ss1="select name,age,job,salary,email,pno,id from emp where username="+"'"+s1+"'";**

**ResultSet rs=s.executeQuery(ss1);**

**while(rs.next())**

**{**

**t1.setText(rs.getString(1));**

**t2.setText(rs.getString(2));**

**t3.setText(rs.getString(3));**

**t4.setText(rs.getString(4));**

**t5.setText(rs.getString(5));**

**t6.setText(rs.getString(6));**

**t7.setText(rs.getString(7));**

**}**

**rs.close();**

**c.close();**

**}**

**catch(Exception ee)**

**{**

**}**

**}**

**}**

**else if(ae.getSource().equals(b1))**

**{**

**new A\_Page1();**

**frame.setVisible(false);**

**}**

**}**

**}**

**class A**

**{**

**public static void main(String p[])**

**{**

**new Intro();**

**}**

**}**