

OBJECT ORIENTED PARADIGM

19CSE204

LEAVE MANAGEMENT SYSTEM

GROUP: 6

IMPLEMENTATION OF CASE STUDY IN JAVA

PROJECT - FULL CODE:

Apply_Leave:

```
package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.EventQueue;

import javax.swing.JFrame;
import java.awt.GridLayout;
import com.jgoodies.forms.layout.FormLayout;
import com.jgoodies.forms.layout.ColumnSpec;
import com.jgoodies.forms.layout.RowSpec;
import com.jgoodies.forms.layout.FormSpecs;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JComboBox;
import javax.swing.DefaultComboBoxModel;
import javax.swing.JSlider;
import java.awt.Scrollbar;
import javax.swing.JScrollBar;
import javax.swing.JSpinner;
import javax.swing.JSplitPane;
import javax.swing.JPanel;
import java.awt.Panel;
```

```
import com.toedter.calendar.JCalendar;
import com.toedter.calendar.JDateChooser;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.Color;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.text.SimpleDateFormat;
import java.awt.Cursor;

public class Apply_Leave {

    int i=8;
    private JFrame frame;
    private final JLabel lblNewLabel = new JLabel("Leave Type ");
    private final JComboBox Leave_Type = new JComboBox();
    private final JLabel lblNoofdays = new JLabel("No of days");
    private final JSlider slider = new JSlider();
    private final JLabel lblStartdate = new JLabel("Start date");
    private final JDateChooser dateChooser = new JDateChooser();
    private final JLabel lblEnddate = new JLabel("End date");
    private final JDateChooser dateChooser_1 = new JDateChooser();
    private final JLabel lblReason = new JLabel("Reason");
    private final JTextField textField = new JTextField();
    private final JButton btnCancel = new JButton("CANCEL");
    private final JButton btnSubmit = new JButton("SUBMIT");
    private final JLabel lblNewLabel_1 = new JLabel("Enter Leave Details ");
    private final JLabel lblCancelButton = new JLabel("X");
```

```

private final JLabel lblMinimizeButton = new JLabel("-");

private final JPanel panel = new JPanel();

private final JPanel panel_1 = new JPanel();

/** 
 * Launch the application.
 */
public static void Enter_Leave_Details() {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Apply_Leave window = new Apply_Leave();
                window.frame.setLocationRelativeTo(null);
                window.frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

/** 
 * Create the application.
 */
public Apply_Leave() {
    initialize();
}

/** 
 * Initialize the contents of the frame.
 */
private void initialize() {
    textField.setBounds(141, 208, 266, 26);
    textField.setColumns(10);
}

```

```
frame = new JFrame();
frame.getContentPane().setBackground(new Color(0, 0, 0));
frame.setUndecorated(true);
frame.setBounds(100, 100, 452, 330);
frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
frame.getContentPane().setLayout(null);

lblNewLabel.setForeground(new Color(255, 255, 255));
lblNewLabel.setBounds(28, 67, 103, 26);
lblNewLabel.setFont(new Font("Monotype Corsiva", Font.BOLD, 20));

frame.getContentPane().add(lblNewLabel);

Leave_Type.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
Leave_Type.setBounds(141, 66, 266, 26);
Leave_Type.setFont(new Font("Segoe Print", Font.BOLD, 15));
Leave_Type.setModel(new DefaultComboBoxModel(new String[] {"Earned leave", "Casual leave", "Medical leave", "Half-pay leave", "Maternity leave", "Marriage leave", "Vacation leave", "Sabbatical leave", "Lockdown leave"}));

frame.getContentPane().add(Leave_Type);

lblNoofdays.setForeground(new Color(255, 255, 255));
lblNoofdays.setBounds(28, 103, 103, 21);
lblNoofdays.setFont(new Font("Monotype Corsiva", Font.BOLD, 20));

frame.getContentPane().add(lblNoofdays);

slider.setValue(1);
slider.setMaximum(10);
slider.setMinimum(1);
slider.setBounds(141, 102, 266, 21);

frame.getContentPane().add(slider);

lblStartdate.setForeground(new Color(255, 255, 255));
lblStartdate.setFont(new Font("Monotype Corsiva", Font.BOLD, 20));
lblStartdate.setBounds(28, 136, 103, 26);

frame.getContentPane().add(lblStartdate);
```

```
dateChooser.getCalendarButton().setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
dateChooser.setBounds(141, 136, 266, 26);

frame.getContentPane().add(dateChooser);
lblEnddate.setForeground(new Color(255, 255, 255));
lblEnddate.setFont(new Font("Monotype Corsiva", Font.BOLD, 20));
lblEnddate.setBounds(28, 172, 103, 26);

frame.getContentPane().add(lblEnddate);

dateChooser_1.getCalendarButton().setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
dateChooser_1.setBounds(141, 172, 266, 26);

frame.getContentPane().add(dateChooser_1);
lblReason.setForeground(new Color(255, 255, 255));
lblReason.setFont(new Font("Monotype Corsiva", Font.BOLD, 20));
lblReason.setBounds(28, 206, 103, 26);

frame.getContentPane().add(lblReason);

frame.getContentPane().add(textField);
btnCancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnCancel.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        System.exit(0);
    }
});
btnCancel.setForeground(Color.BLUE);
btnCancel.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
btnCancel.setBackground(Color.CYAN);
btnCancel.setBounds(50, 259, 163, 46);

frame.getContentPane().add(btnCancel);
btnSubmit.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
```

```

btnSubmit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //apply leave code
        String message = "";
        try {
            String JdbcURL = "jdbc:mysql://localhost:3306/lms";
            String Username = "root";
            String pass = "root123456";
            String query = "INSERT INTO Leave_details(leave_id, leave_type,start_date,end_date,reason) values(?, ?, ?, ?, ?);";
            Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
            System.out.println("Connected to MySQL database");
            PreparedStatement st = con.prepareStatement(query);
            st.setString(1, "LVE09");
            String type = Leave_Type.getSelectedItem().toString();
            st.setString(2,type);
            System.out.println(type);
            java.util.Date myDate = new java.util.Date();
            java.sql.Date sqlDate = new
            java.sql.Date(dateChooser.getDate().getTime());
            st.setDate(3, sqlDate);
            System.out.println(sqlDate);
            java.sql.Date sqlDate1 = new
            java.sql.Date(dateChooser_1.getDate().getTime());
            st.setDate(4, sqlDate1);
            System.out.println(sqlDate1);
            String r = textField.getText();
            st.setString(5,r);
            System.out.println(r);
            st.executeUpdate();
            System.out.println("Values Inserted");
            message = "Leave request sent!!!";
        }catch(Exception e1){ System.out.println(e1);
    }
}

```

```
JOptionPane.showMessageDialog(null, message);

}

});

btnSubmit.setForeground(Color.BLUE);
btnSubmit.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
btnSubmit.setBackground(Color.CYAN);
btnSubmit.setBounds(265, 259, 158, 46);

frame.getContentPane().add(btnSubmit);

lblNewLabel_1.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblNewLabel_1.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
lblNewLabel_1.setBackground(new Color(245, 255, 250));
lblNewLabel_1.setBounds(28, 11, 341, 46);

frame.getContentPane().add(lblNewLabel_1);

lblCancelButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblCancelButton.addMouseListener(new MouseAdapter() {

    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

lblCancelButton.setForeground(Color.BLACK);
lblCancelButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblCancelButton.setBackground(Color.BLACK);
lblCancelButton.setBounds(398, 15, 25, 37);

frame.getContentPane().add(lblCancelButton);

lblMinimizeButton.addMouseListener(new MouseAdapter() {

    @Override
    public void mouseClicked(MouseEvent e) {
        frame.setState(JFrame.ICONIFIED);
    }
});
```

```

    });

lblMinimizeButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblMinimizeButton.setForeground(Color.BLACK);
lblMinimizeButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblMinimizeButton.setBackground(new Color(245, 255, 250));
lblMinimizeButton.setBounds(364, 11, 25, 37);

frame.getContentPane().add(lblMinimizeButton);
panel.setBackground(new Color(0, 255, 255));
panel.setBounds(10, 10, 430, 47);

frame.getContentPane().add(panel);
panel_1.setBackground(new Color(0, 0, 255));
panel_1.setBounds(8, 67, 432, 253);

frame.getContentPane().add(panel_1);

}

}

```

Create_Emp:

```
package LEAVE_MANAGEMENT_SYSTEM;
```

```
import java.awt.EventQueue;
```

```
import javax.swing.JFrame;
```

```
import java.awt.Color;
```

```
import java.awt.Cursor;
```

```
import javax.swing.JPanel;
```

```
import javax.swing.JLabel;
```

```
import javax.swing.JOptionPane;
```

```
import javax.swing.JTextField;
```

```
import java.awt.Font;
```

```
import java.awt.Frame;
```

```
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.util.Enumeration;

import javax.swing.JRadioButton;
import com.toedter.calendar.JDateChooser;

import javax.swing.AbstractButton;
import javax.swing.ButtonGroup;
import javax.swing.JButton;

public class Create_Emp extends JFrame{

    private JFrame frmCreateEmp;
    private JTextField textFieldEmpld;
    private JTextField textFieldFirstName;
    private JTextField textFieldMiddleName;
    private JTextField textFieldLastName;
    private JTextField textFieldMaritalStatus;
    private JTextField textFieldPayrollId;
    private JTextField textFieldJobCode;
    private JTextField textFieldDeptCode;
    private JTextField textFieldDesg;
    private JTextField textFieldLoginId;
    private JTextField textFieldDoorNo;
    private JTextField textFieldStreetName;
    private JTextField textFieldPincode;
    private ButtonGroup genderselect = new ButtonGroup();
    private JTextField textFieldDeptName;
```

```
/**  
 * Launch the application.  
 */  
  
public void create_emp() {  
  
    EventQueue.invokeLater(new Runnable() {  
  
        public void run() {  
  
            try {  
  
                Create_Emp window = new Create_Emp();  
  
                window.frmCreateEmp.setLocationRelativeTo(null);  
  
                window.frmCreateEmp.setVisible(true);  
  
            } catch (Exception e) {  
  
                e.printStackTrace();  
  
            }  
  
        }  
  
    });  
}  
  
}  
  
public String getSelectedButtonText(ButtonGroup buttonGroup) {  
  
    for (Enumeration<AbstractButton> buttons = buttonGroup.getElements(); buttons.hasMoreElements();) {  
  
        AbstractButton button = buttons.nextElement();  
  
        if (button.isSelected()) {  
  
            return button.getText();  
  
        }  
  
    }  
  
    return null;  
}  
  
/**  
 * Create the application.  
 */
```

```
public Create_Emp() {  
    initialize();  
}  
  
/**  
 * Initialize the contents of the frame.  
 */  
  
private void initialize() {  
    frmCreateEmp = new JFrame();  
    frmCreateEmp.getContentPane().setBackground(Color.BLACK);  
    frmCreateEmp.setForeground(Color.BLACK);  
    frmCreateEmp.setBackground(Color.BLACK);  
    frmCreateEmp.setUndecorated(true);  
    frmCreateEmp.setBounds(100, 100, 778, 558);  
    frmCreateEmp.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
    frmCreateEmp.getContentPane().setLayout(null);  
  
    JPanel panel = new JPanel();  
    panel.setBounds(10, 10, 758, 57);  
    panel.setBackground(Color.CYAN);  
    frmCreateEmp.getContentPane().add(panel);  
    panel.setLayout(null);  
  
    JLabel lblCreateEmp = new JLabel("Create Employee Record");  
    lblCreateEmp.setFont(new Font("Dialog", Font.BOLD, 40));  
    lblCreateEmp.setBounds(33, 10, 535, 37);  
    panel.add(lblCreateEmp);  
  
    JLabel lblMinimize = new JLabel("-");  
    lblMinimize.setFont(new Font("Dialog", Font.BOLD, 40));  
    lblMinimize.setBounds(656, 22, 45, 13);  
    panel.add(lblMinimize);  
    lblMinimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));  
    lblMinimize.addMouseListener(new MouseAdapter() {
```

```
    @Override
    public void mouseClicked(MouseEvent e) {
        frmCreateEmp.setState(JFrame.ICONIFIED);
    }
});

JLabel lblClose = new JLabel("x");
lblClose.setFont(new Font("Dialog", Font.BOLD, 40));
lblClose.setBounds(703, 10, 45, 37);
panel.add(lblClose);
lblClose.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblClose.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

 JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 77, 758, 471);
frmCreateEmp.getContentPane().add(panel_1);
panel_1.setLayout(null);

JLabel lblEmpId = new JLabel("Emp id");
lblEmpId.setForeground(Color.WHITE);
lblEmpId.setFont(new Font("Tahoma", Font.BOLD, 20));
lblEmpId.setBounds(36, 10, 79, 30);
panel_1.add(lblEmpId);

JLabel lblFirstName = new JLabel("First Name");
lblFirstName.setForeground(Color.WHITE);
lblFirstName.setFont(new Font("Tahoma", Font.BOLD, 20));
```

```
lblFirstName.setBounds(36, 50, 125, 25);
panel_1.add(lblFirstName);

JLabel lblMiddleName = new JLabel("Middle Name");
lblMiddleName.setForeground(Color.WHITE);
lblMiddleName.setFont(new Font("Tahoma", Font.BOLD, 20));
lblMiddleName.setBounds(36, 85, 137, 30);
panel_1.add(lblMiddleName);

JLabel lblLastName = new JLabel("Last Name");
lblLastName.setForeground(Color.WHITE);
lblLastName.setFont(new Font("Tahoma", Font.BOLD, 20));
lblLastName.setBounds(36, 125, 114, 30);
panel_1.add(lblLastName);

JLabel lblGender = new JLabel("Gender");
lblGender.setForeground(Color.WHITE);
lblGender.setFont(new Font("Tahoma", Font.BOLD, 20));
lblGender.setBounds(36, 165, 103, 30);
panel_1.add(lblGender);

JLabel lblDOB = new JLabel("DOB");
lblDOB.setForeground(Color.WHITE);
lblDOB.setFont(new Font("Tahoma", Font.BOLD, 20));
lblDOB.setBounds(36, 205, 66, 30);
panel_1.add(lblDOB);

JLabel lblMaritalStatus = new JLabel("Marital Status");
lblMaritalStatus.setForeground(Color.WHITE);
lblMaritalStatus.setFont(new Font("Tahoma", Font.BOLD, 20));
lblMaritalStatus.setBounds(36, 238, 158, 25);
panel_1.add(lblMaritalStatus);

textFieldEmpId = new JTextField();
```

```
textFieldEmpld.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldEmpld.setBounds(207, 10, 193, 25);
panel_1.add(textFieldEmpld);
textFieldEmpld.setColumns(10);

textFieldFirstName = new JTextField();
textFieldFirstName.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldFirstName.setBounds(207, 50, 193, 26);
panel_1.add(textFieldFirstName);
textFieldFirstName.setColumns(10);

textFieldMiddleName = new JTextField();
textFieldMiddleName.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldMiddleName.setBounds(207, 86, 193, 29);
panel_1.add(textFieldMiddleName);
textFieldMiddleName.setColumns(10);

textFieldLastName = new JTextField();
textFieldLastName.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldLastName.setBounds(207, 125, 193, 29);
panel_1.add(textFieldLastName);
textFieldLastName.setColumns(10);

JDateChooser dateChooserDOB = new JDateChooser();
dateChooserDOB.setBounds(207, 205, 193, 19);
panel_1.add(dateChooserDOB);

textFieldMaritalStatus = new JTextField();
textFieldMaritalStatus.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldMaritalStatus.setBounds(204, 245, 52, 19);
panel_1.add(textFieldMaritalStatus);
textFieldMaritalStatus.setColumns(10);

JLabel lblYN = new JLabel("Enter 'Y' for married or 'N' for unmarried");
```

```
lblYN.setForeground(Color.WHITE);
lblYN.setFont(new Font("Tahoma", Font.BOLD, 10));
lblYN.setBounds(267, 244, 211, 21);
panel_1.add(lblYN);

JLabel lblPayrollId = new JLabel("Payroll id");
lblPayrollId.setForeground(Color.WHITE);
lblPayrollId.setFont(new Font("Tahoma", Font.BOLD, 20));
lblPayrollId.setBounds(458, 10, 103, 26);
panel_1.add(lblPayrollId);

textFieldPayrollId = new JTextField();
textFieldPayrollId.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldPayrollId.setBounds(574, 10, 174, 21);
panel_1.add(textFieldPayrollId);
textFieldPayrollId.setColumns(10);

JLabel lblJobCode = new JLabel("Job code");
lblJobCode.setForeground(Color.WHITE);
lblJobCode.setFont(new Font("Tahoma", Font.BOLD, 20));
lblJobCode.setBounds(458, 50, 103, 23);
panel_1.add(lblJobCode);

textFieldJobCode = new JTextField();
textFieldJobCode.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldJobCode.setBounds(574, 50, 174, 21);
panel_1.add(textFieldJobCode);
textFieldJobCode.setColumns(10);

JLabel lblDeptCode = new JLabel("Dept code");
lblDeptCode.setForeground(Color.WHITE);
lblDeptCode.setFont(new Font("Tahoma", Font.BOLD, 20));
lblDeptCode.setBounds(458, 85, 103, 25);
panel_1.add(lblDeptCode);
```

```
textFieldDeptCode = new JTextField();
textFieldDeptCode.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldDeptCode.setBounds(574, 85, 174, 25);
panel_1.add(textFieldDeptCode);
textFieldDeptCode.setColumns(10);
```

```
JLabel lblDesg = new JLabel("Designation");
lblDesg.setForeground(Color.WHITE);
lblDesg.setFont(new Font("Tahoma", Font.BOLD, 20));
lblDesg.setBounds(458, 125, 125, 26);
panel_1.add(lblDesg);
```

```
textFieldDesg = new JTextField();
textFieldDesg.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldDesg.setBounds(584, 125, 164, 25);
panel_1.add(textFieldDesg);
textFieldDesg.setColumns(10);
```

```
JLabel lblLoginId = new JLabel("Login id");
lblLoginId.setForeground(Color.WHITE);
lblLoginId.setFont(new Font("Tahoma", Font.BOLD, 20));
lblLoginId.setBounds(458, 165, 103, 26);
panel_1.add(lblLoginId);
```

```
textFieldLoginId = new JTextField();
textFieldLoginId.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldLoginId.setBounds(574, 165, 174, 25);
panel_1.add(textFieldLoginId);
textFieldLoginId.setColumns(10);
```

```
JLabel lblAddr = new JLabel("Address:");
lblAddr.setForeground(Color.WHITE);
lblAddr.setFont(new Font("Tahoma", Font.BOLD, 20));
```

```
lblAddr.setBounds(36, 279, 125, 28);
panel_1.add(lblAddr);

JLabel lblDoorNo = new JLabel("Door No");
lblDoorNo.setForeground(Color.WHITE);
lblDoorNo.setFont(new Font("Tahoma", Font.BOLD, 20));
lblDoorNo.setBounds(36, 317, 88, 21);
panel_1.add(lblDoorNo);

textFieldDoorNo = new JTextField();
textFieldDoorNo.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldDoorNo.setBounds(134, 317, 96, 24);
panel_1.add(textFieldDoorNo);
textFieldDoorNo.setColumns(10);

JLabel lblStreetName = new JLabel("Street Name");
lblStreetName.setForeground(Color.WHITE);
lblStreetName.setFont(new Font("Tahoma", Font.BOLD, 20));
lblStreetName.setBounds(330, 317, 131, 21);
panel_1.add(lblStreetName);

textFieldStreetName = new JTextField();
textFieldStreetName.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldStreetName.setBounds(471, 317, 277, 21);
panel_1.add(textFieldStreetName);
textFieldStreetName.setColumns(10);

JLabel lblPincode = new JLabel("Pincode");
lblPincode.setForeground(Color.WHITE);
lblPincode.setFont(new Font("Tahoma", Font.BOLD, 20));
lblPincode.setBounds(36, 363, 79, 25);
panel_1.add(lblPincode);

textFieldPincode = new JTextField();
```

```
textFieldPincode.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldPincode.setBounds(134, 363, 137, 26);
panel_1.add(textFieldPincode);
textFieldPincode.setColumns(10);

JButton btnCancel = new JButton("Cancel");
btnCancel.setFont(new Font("Tahoma", Font.BOLD, 20));
btnCancel.setForeground(Color.BLACK);
btnCancel.setBackground(Color.CYAN);
btnCancel.setBounds(200, 421, 110, 30);
panel_1.add(btnCancel);
btnCancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnCancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

JButton btnSubmit = new JButton("Submit");
btnSubmit.setFont(new Font("Tahoma", Font.BOLD, 20));
btnSubmit.setBounds(471, 421, 112, 30);
panel_1.add(btnSubmit);
btnSubmit.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));

JRadioButton rdbtnMale = new JRadioButton("M");
rdbtnMale.setBounds(213, 170, 43, 21);
panel_1.add(rdbtnMale);
rdbtnMale.setFont(new Font("Tahoma", Font.PLAIN, 20));
rdbtnMale.setBackground(Color.CYAN);
genderselect.add(rdbtnMale);

JRadioButton rdbtnFemale = new JRadioButton("F");
rdbtnFemale.setBounds(283, 170, 43, 21);
```

```

panel_1.add(rdbtnFemale);
rdbtnFemale.setFont(new Font("Tahoma", Font.PLAIN, 20));
rdbtnFemale.setBackground(Color.CYAN);
genderselect.add(rdbtnFemale);

JLabel lblDeptName = new JLabel("Dept Name");
lblDeptName.setForeground(Color.WHITE);
lblDeptName.setFont(new Font("Tahoma", Font.BOLD, 20));
lblDeptName.setBounds(458, 205, 125, 19);
panel_1.add(lblDeptName);

textFieldDeptName = new JTextField();
textFieldDeptName.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldDeptName.setBounds(584, 205, 164, 19);
panel_1.add(textFieldDeptName);
textFieldDeptName.setColumns(10);

btnSubmit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //create new employee record
        String message = "";
        try {
            Class.forName("com.mysql.jdbc.Driver");
            String JdbcURL = "jdbc:mysql://localhost:3306/lms";
            String Username = "root";
            String pass = "root1234567";
            String query = "INSERT INTO
lms.employee(emp_id,first_name,middle_name,last_name,gender,job_code,dob,door_no,street_name,marital_status,no_of_days_worked,dept_code,pincode,payroll_id,dept_name,designation,login_id)
values(?,?,?,?,?,?,?,?,?,?,?,?,?,?);";
            Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
            System.out.println("Connected to MySQL database");
            PreparedStatement st = con.prepareStatement(query);
            String emp_id = textFieldEmpld.getText();
            st.setString(1,emp_id);

```

```
String first_name = textFieldFirstName.getText();
st.setString(2,first_name);

String middle_name = textFieldMiddleName.getText();
st.setString(3,middle_name);

String last_name = textFieldLastName.getText();
st.setString(4,last_name);

String gender="";
if(rdbtnMale.isSelected())
    gender="M";
else
    gender="F";

st.setString(5,gender);

String job_code = textFieldJobCode.getText();
st.setString(6,job_code);

java.util.Date myDate = new java.util.Date();
java.sql.Date dob = new
java.sql.Date(dateChooserDOB.getDate().getTime());
st.setDate(7, dob);

System.out.println(dob);

int door_no = Integer.parseInt(textFieldDoorNo.getText());
st.setInt(8,door_no);

String street_name = textFieldStreetName.getText();
st.setString(9,street_name);

String marital_status = textFieldMaritalStatus.getText();
st.setString(10,marital_status);

int no_of_days_worked=0;
st.setInt(11,no_of_days_worked);

String dept_code = textFieldDeptCode.getText();
st.setString(12,dept_code);

int pincode = Integer.parseInt(textFieldPincode.getText());
st.setInt(13,pincode);

String payroll_id = textFieldPayrollId.getText();
st.setString(14,payroll_id);

String dept_name = textFieldDeptName.getText();
```

```

        st.setString(15,dept_name);

        String desg = textFieldDesg.getText();

        st.setString(16,desg);

        String login_id = textFieldLoginId.getText();

        st.setString(17,login_id);

        st.executeUpdate();

        con.close();

    }catch(Exception e1){ System.out.println(e1);

}

JOptionPane.showMessageDialog(null,"New Employee Record Created");

}

});

}

}

DeleteEmployee:

package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.EventQueue;

import javax.swing.JFrame;

import java.awt.Color;

import javax.swing.JPanel;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.Rectangle;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.awt.Font;

```

```
import javax.swing.JTextField;

import javax.swing.JButton;
import java.awt.Cursor;

public class DeleteEmployee {

    private JFrame frame;
    private JTextField textField;

    /**
     * Launch the application.
     */
    public void delete() {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    DeleteEmployee window = new DeleteEmployee();
                    window.frame.setLocationRelativeTo(null);
                    window.frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the application.
     */
    public DeleteEmployee() {
        initialize();
    }

    private void initialize() {
        frame = new JFrame();
        frame.setBounds(100, 100, 450, 300);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setLayout(null);

        textField = new JTextField();
        textField.setBounds(115, 125, 250, 25);
        frame.getContentPane().add(textField);

        JButton btnDelete = new JButton("Delete");
        btnDelete.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                String input = textField.getText();
                if (!input.isEmpty()) {
                    // Perform deletion logic here
                    JOptionPane.showMessageDialog(frame, "Employee deleted successfully!");
                } else {
                    JOptionPane.showMessageDialog(frame, "Please enter employee ID.");
                }
            }
        });
        btnDelete.setBounds(115, 160, 150, 45);
        frame.getContentPane().add(btnDelete);
    }
}
```

```
/**  
 * Initialize the contents of the frame.  
 */  
  
private void initialize() {  
  
    frame = new JFrame();  
  
    frame.getContentPane().setBackground(Color.BLACK);  
  
    frame.setBounds(100, 100, 540, 418);  
  
    frame.setUndecorated(true);  
  
    frame.getContentPane().setLayout(null);  
  
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
  
    frame.getContentPane().setLayout(null);  
  
  
    JLabel label_1 = new JLabel("Enter emp_id");  
  
    label_1.setForeground(Color.WHITE);  
  
    label_1.setFont(new Font("Monotype Corsiva", Font.ITALIC, 40));  
  
    label_1.setBackground(new Color(245, 255, 250));  
  
    label_1.setBounds(163, 113, 207, 56);  
  
    frame.getContentPane().add(label_1);  
  
  
    textField = new JTextField();  
  
    textField.setColumns(10);  
  
    textField.setBounds(150, 179, 242, 47);  
  
    frame.getContentPane().add(textField);  
  
  
    JButton button = new JButton("SUBMIT");  
  
    button.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));  
  
    //connection with database  
  
    button.addActionListener(new ActionListener() {  
  
        public void actionPerformed(ActionEvent e) {  
  
            String msg = "";  
  
            try  
  
            {  
  
                String JdbcURL = "jdbc:mysql://localhost:3306/LMS";
```

```

String Username = "root";
String pass = "root123456";
String query = "DELETE FROM Employee WHERE emp_id=?";
Connection c = DriverManager.getConnection(JdbcURL, Username, pass);
System.out.println("Connected to MySQL database");
PreparedStatement prestat = c.prepareStatement(query);
String text = textField.getText();
prestat.setString(1, text);
prestat.executeUpdate();
System.out.println("1 row deleted");
msg = "Employee info deleted";
}catch(Exception e1){ System.out.println(e1);
}

//message box
JOptionPane.showMessageDialog(null, msg);

}

});

button.setForeground(Color.BLUE);
button.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
button.setBackground(Color.CYAN);
button.setBounds(197, 326, 158, 46);
frame.getContentPane().add(button);

JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 65, 520, 343);
frame.getContentPane().add(panel_1);

JLabel lblcancel = new JLabel("X");
lblcancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblcancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {

```

```

        System.exit(0);

    }

});  

frame.getContentPane().add(lblcancel);
lblcancel.setForeground(Color.BLACK);
lblcancel.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblcancel.setBounds(new Rectangle(486, 19, 25, 36));
lblcancel.setBackground(Color.BLACK);

JLabel lblminimize = new JLabel("-");
lblminimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblminimize.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        frame.setState(JFrame.ICONIFIED);
    }
});
frame.getContentPane().add(lblminimize);
lblminimize.setForeground(Color.BLACK);
lblminimize.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblminimize.setBounds(new Rectangle(464, 19, 12, 36));
lblminimize.setBackground(Color.BLACK);

JPanel panel = new JPanel();
panel.setBackground(Color.CYAN);
panel.setBounds(10, 10, 520, 47);
frame.getContentPane().add(panel);

JLabel label_3 = new JLabel("Delete Employee");
label_3.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
label_3.setBackground(new Color(245, 255, 250));
panel.add(label_3);

}

```

```
}
```

Employee:

```
package LEAVE_MANAGEMENT_SYSTEM;
```

```
import java.awt.EventQueue;
```

```
import javax.swing.JFrame;
```

```
import javax.swing.JButton;
```

```
import java.awt.Font;
```

```
import java.awt.event.ActionListener;
```

```
import java.awt.event.ActionEvent;
```

```
import java.awt.Window.Type;
```

```
import java.awt.Color;
```

```
import javax.swing.JTextField;
```

```
import javax.swing.JLabel;
```

```
import javax.swing.JOptionPane;
```

```
import javax.swing.JPanel;
```

```
import java.awt.event.MouseAdapter;
```

```
import java.awt.event.MouseEvent;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.awt.Cursor;
```

```
public class Employee extends Login{
```

```
    private JFrame frame;
```

```
    private final JButton btnUpdateProfile = new JButton("Update Profile");
```

```
    private final JButton btnApplyLeave = new JButton("Apply leave");
```

```
    private final JButton btnViewLeaveHistory = new JButton("View leave History");
```

```

private final JLabel lblDashboard = new JLabel("Dashboard ");
private final JLabel lblCancelButton = new JLabel("X");
private final JLabel lblMinimizeButton = new JLabel("-");
private final JPanel panel = new JPanel();
private final JLabel lblUsername = new JLabel();
private final JButton btnNewButton = new JButton("New button");
private final JPanel panel_1 = new JPanel();
/***
 * Launch the application.
 */
public static void Home_Frame(String u_name) {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Employee window = new Employee(u_name);
                window.frame.setLocationRelativeTo(null);
                window.frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

/**
 * Create the application.
 */
public Employee(String u_name) {
    initialize(u_name);
}

/**
 * Initialize the contents of the frame.
 */

```

```
private void initialize(String u_name) {  
    frame = new JFrame();  
    frame.setUndecorated(true);  
    frame.getContentPane().setBackground(new Color(0, 0, 0));  
    frame.setBounds(100, 100, 450, 334);  
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
    frame.getContentPane().setLayout(null);  
    btnUpdateProfile.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));  
    btnUpdateProfile.addActionListener(new ActionListener() {  
        public void actionPerformed(ActionEvent e) {  
  
            Reset_Password set = new Reset_Password(u_name);  
            set.Reset_Page(u_name);  
        }  
    });  
    btnUpdateProfile.setBackground(new Color(0, 255, 255));  
    btnUpdateProfile.setFont(new Font("Segoe Print", Font.BOLD, 20));  
    btnUpdateProfile.setBounds(100, 151, 230, 45);  
  
    frame.getContentPane().add(btnUpdateProfile);  
    btnApplyLeave.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));  
    btnApplyLeave.setBackground(new Color(0, 255, 255));  
    btnApplyLeave.addActionListener(new ActionListener() {  
        public void actionPerformed(ActionEvent e) {  
            String message = "";  
            int leaves_taken=5;  
            try {  
                String JdbcURL = "jdbc:mysql://localhost:3306/lms";  
                String Username = "root";  
                String pass = "root123456";  
                String query = "SELECT leaves_taken FROM leave_history \r\n"  
                + "where emp_id IN\r\n"  
                + " (SELECT emp_id\r\n"
```

```

        + "      FROM EMPLOYEE \r\n"
        + "      WHERE login_id = ?);";

Connection con = DriverManager.getConnection(JdbcURL,
Username, pass);

System.out.println("Connected to MySQL database");

PreparedStatement st = con.prepareStatement(query);

st.setString(1, u_name);

ResultSet rs = st.executeQuery();

rs.next();

leaves_taken=rs.getInt("leaves_taken");

System.out.println(leaves_taken);

}catch(Exception e1){ System.out.println(e1);

}

if(leaves_taken<5)

{

    message = "No. of Leaves taken : "+ leaves_taken+ " \n You can apply "+(5-leaves_taken)+" more leaves for this month";

    Apply_Leave set = new Apply_Leave();

    set.Enter_Leave_Details();

}

else

    message = "No. of Leaves taken : "+ leaves_taken+ " \n You don't have any leave balance in your account. \n No more leaves permitted for this month";

JOptionPane.showMessageDialog(null, message);

}

});

btnApplyLeave.setFont(new Font("Segoe Print", Font.BOLD, 20));

btnApplyLeave.setBounds(100, 206, 230, 45);

frame.getContentPane().add(btnApplyLeave);

btnViewLeaveHistory.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));

btnViewLeaveHistory.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e) {

        Leave_History set = new Leave_History();

```

```
        set.Leave();

    }

});  
btnViewLeaveHistory.setBackground(new Color(0, 255, 255));  
btnViewLeaveHistory.setFont(new Font("Segoe Print", Font.BOLD, 20));  
btnViewLeaveHistory.setBounds(100, 261, 230, 45);  
  
frame.getContentPane().add(btnViewLeaveHistory);  
lblDashboard.setBounds(122, 21, 183, 46);  
frame.getContentPane().add(lblDashboard);  
lblDashboard.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));  
lblDashboard.setBackground(new Color(245, 255, 250));  
lblCancelButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));  
lblCancelButton.addMouseListener(new MouseAdapter() {  
    @Override  
    public void mouseClicked(MouseEvent e) {  
        System.exit(0);  
    }  
});  
lblCancelButton.setBounds(401, 25, 25, 36);  
frame.getContentPane().add(lblCancelButton);  
lblCancelButton.setForeground(Color.BLACK);  
lblCancelButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));  
lblCancelButton.setBackground(Color.BLACK);  
lblMinimizeButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));  
lblMinimizeButton.addMouseListener(new MouseAdapter() {  
    @Override  
    public void mouseClicked(MouseEvent e) {  
        frame.setState(JFrame.ICONIFIED);  
    }  
});  
lblMinimizeButton.setForeground(Color.BLACK);  
lblMinimizeButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
```

```
lblMinimizeButton.setBackground(new Color(245, 255, 250));
lblMinimizeButton.setBounds(366, 25, 25, 37);

frame.getContentPane().add(lblMinimizeButton);
panel.setBackground(new Color(0, 255, 255));
panel.setBounds(10, 10, 430, 60);

frame.getContentPane().add(panel);
lblUsername.setBackground(new Color(240, 240, 240));
lblUsername.setFont(new Font("Stencil", Font.BOLD, 25));
lblUsername.setForeground(Color.WHITE);
lblUsername.setBounds(100, 91, 267, 45);
frame.getContentPane().add(lblUsername);

btnNewButton.setBackground(new Color(0, 0, 205));
btnNewButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        lblUsername.setText(u_name);
    }
});

btnNewButton.setBounds(20, 80, 25, 36);

frame.getContentPane().add(btnNewButton);
panel_1.setBackground(new Color(0, 0, 255));
panel_1.setBounds(10, 80, 430, 244);

frame.getContentPane().add(panel_1);
}

}

Home Page HR:
package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.BorderLayout;
import java.awt.Color;
import java.awt.Cursor;
```

```
import java.awt.EventQueue;
import java.awt.Font;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
import java.sql.Timestamp;
import java.time.*;
import java.time.format.DateTimeFormatter;
import java.util.Date;

import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.border.EmptyBorder;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class Home_Page_HR extends JFrame {

    private JPanel contentPane;
    private final JScrollPane scrollPane = new JScrollPane();
    private final JTable leave_table = new JTable();
    private final JLabel lblNewLabel_1 = new JLabel("Dashboard HR Manager");
    private final JLabel btnCancel = new JLabel("X");
    private final JLabel lblMinimize = new JLabel("-");
```

```

private final JPanel panel = new JPanel();
private final JLabel lblLeaveId = new JLabel("LEAVE ID :");
private final JTextField textField = new JTextField();
private final JLabel lblStatus = new JLabel("STATUS :");
private final JTextField textField_1 = new JTextField();
private final JTextField textField_2 = new JTextField();
private final JLabel lblFeedback = new JLabel("FEEDBACK :");
private final JButton btnSave = new JButton("SAVE");
private final JPanel panel_1 = new JPanel();
/** 
 * Launch the application.
 */
public static void HR_PAGE() {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Home_Page_HR frame = new Home_Page_HR();
                frame.setLocationRelativeTo(null);
                frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

/** 
 * Create the frame.
 */
public Home_Page_HR() {
    initGUI();
}

private void initGUI() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
}

```

```

setUndecorated(true);
setBounds(100, 100, 703, 382);
contentPane = new JPanel();
contentPane.setForeground(new Color(0, 0, 255));
contentPane.setBackground(new Color(0, 0, 0));
contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
setContentPane(contentPane);
contentPane.setLayout(null);
scrollPane.setBounds(20, 76, 662, 92);

contentPane.add(scrollPane);
String[] column= {"leave_id",
"leave_type","start_date","end_date","reason","status","admin_feedback","date_of_feedback"};
my_mysql2 obj=new my_mysql2();

leave_table = new javax.swing.JTable(obj.my_db_select(),column);
scrollPane.setViewportView(leave_table);
lblNewLabel_1.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
lblNewLabel_1.setBackground(new Color(245, 255, 250));
lblNewLabel_1.setBounds(162, 10, 443, 46);

contentPane.add(lblNewLabel_1);
lblCancelButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblCancelButton.addMouseListener(new MouseAdapter() {

    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

lblCancelButton.setForeground(Color.BLACK);
lblCancelButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblCancelButton.setBackground(Color.BLACK);
lblCancelButton.setBounds(668, 14, 25, 37);

```

```
contentPane.add(lblCancelButton);

lblMinimizeButton.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        setState(JFrame.ICONIFIED);
    }
});

lblMinimizeButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblMinimizeButton.setForeground(Color.BLACK);
lblMinimizeButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblMinimizeButton.setBackground(new Color(245, 255, 250));
lblMinimizeButton.setBounds(633, 10, 25, 37);

contentPane.add(lblMinimizeButton);

panel.setBackground(new Color(0, 255, 255));
panel.setBounds(10, 10, 683, 46);

contentPane.add(panel);

lblLeaveld.setForeground(Color.WHITE);
lblLeaveld.setFont(new Font("Berlin Sans FB Demi", Font.BOLD, 18));
lblLeaveld.setBounds(29, 187, 106, 18);

contentPane.add(lblLeaveld);

textField.setFont(new Font("Stencil", Font.PLAIN, 15));
textField.setColumns(10);
textField.setBackground(new Color(224, 255, 255));
textField.setBounds(150, 182, 205, 37);

contentPane.add(textField);

lblStatus.setForeground(Color.WHITE);
lblStatus.setFont(new Font("Berlin Sans FB Demi", Font.BOLD, 18));
lblStatus.setBounds(29, 254, 106, 18);

contentPane.add(lblStatus);
```

```

textField_1.setFont(new Font("Stencil", Font.PLAIN, 15));
textField_1.setColumns(10);
textField_1.setBackground(new Color(224, 255, 255));
textField_1.setBounds(176, 111, 514, 127);

contentPane.add(textField_1);

textField_2.setFont(new Font("Stencil", Font.PLAIN, 15));
textField_2.setColumns(10);
textField_2.setBackground(new Color(224, 255, 255));
textField_2.setBounds(176, 188, 514, 204);

contentPane.add(textField_2);

lblFeedback.setForeground(Color.WHITE);
lblFeedback.setFont(new Font("Berlin Sans FB Demi", Font.BOLD, 18));
lblFeedback.setBounds(176, 216, 500, 232);

contentPane.add(lblFeedback);

btnSave.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnSave.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e) {
        //LEAVE APPROVAL
        String message = "";
        try {
            String JdbcURL = "jdbc:mysql://localhost:3306/lms";
            String Username = "root";
            String pass = "root123456";
            String query = "Update leave_details \r\n"
                    + "      set Status = ?,\r\n"
                    + "      admin_feedback = ?,\r\n"
                    + "      date_of_feedback = ?\r\n"
                    + "      where leave_id = ?;";

            Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
            System.out.println("Connected to MySQL database");

```

```

PreparedStatement st = con.prepareStatement(query);

String status = textField_1.getText();
st.setString(1,status);
System.out.println(status);

String feedback = textField_2.getText();
st.setString(2, feedback);
System.out.println(feedback);

java.util.Date utilDate = new Date();
java.sql.Date date = new java.sql.Date(utilDate.getTime());

System.out.println(date);
st.setDate(3,date);

String r = textField.getText();
st.setString(4,r);
System.out.println(r);
st.executeUpdate();

System.out.println("Values Inserted");
message = "Feedback sent";
}catch(Exception e1){ System.out.println(e1);
}

JOptionPane.showMessageDialog(null, message);

}

});

btnSave.setForeground(Color.BLUE);
btnSave.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
btnSave.setBackground(Color.CYAN);
btnSave.setBounds(283, 310, 134, 37);

contentPane.add(btnSave);

panel_1.setBackground(new Color(0, 0, 255));
panel_1.setBounds(10, 66, 683, 306);

contentPane.add(panel_1);

```

```

    }

}

class my_mysql2 {
    int size = 4;

    public String[][] my_db_select() {
        String[][] data = new String[size][8];
        try{
            String JdbcURL = "jdbc:mysql://localhost:3306/lms";
            String Username = "root";
            String pass = "root123456";
            String query = "SELECT * FROM lms.leave_details WHERE status=\"Pending\";";
            Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
            System.out.println("Connected to MySQL database");
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(query);
            int i=0;
            while(rs.next())
            {
                for(int j=0;j<8;j++)
                {
                    //System.out.print(rs.getString(j+1));
                    data[i][j]=rs.getString(j+1);
                }
                //System.out.println();
                i=i+1;
            }
        }

        for (int x=0;x<data.length;x++) {
            for (int y=0;(data[x]!= null && y <data[x].length);y++) {
                System.out.print(data[x][y] + " ");
            }
            System.out.println();
        }
    }
}

```

```
        st.close();
        con.close();
    }catch(Exception e){ System.out.println(e);}

    return data;
}

}
```

Leave History:

```
package LEAVE_MANAGEMENT_SYSTEM;
```

```
import java.awt.BorderLayout;
```

```
import java.awt.EventQueue;
```

```
import javax.swing.JFrame;
```

```
import javax.swing.JPanel;
```

```
import javax.swing.border.EmptyBorder;
```

```
import javax.swing.JScrollPane;
```

```
import javax.swing.JTable;
```

```
import javax.swing.JLabel;
```

```
import java.awt.Color;
```

```
import java.awt.Font;
```

```
import java.awt.event.MouseAdapter;
```

```
import java.awt.event.MouseEvent;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;
```

```
import java.sql.Statement;
```

```
import java.awt.Cursor;
```

```
public class Leave_History extends JFrame {
```

```
    private JPanel contentPane;
```

```

private final JScrollPane scrollPane = new JScrollPane();
private final JTable leave_table = new JTable();
private final JLabel lblNewLabel_1 = new JLabel("Leave History");
private final JLabel lblCancelButton = new JLabel("X");
private final JLabel lblMinimizeButton = new JLabel("-");
private final JPanel panel = new JPanel();

/**
 * Launch the application.
 */
public static void Leave() {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Leave_History frame = new Leave_History();
                frame.setLocationRelativeTo(null);
                frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

}

/***
 * Create the frame.
 */
public Leave_History() {
    initGUI();
}

private void initGUI() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setUndecorated(true);
    setBounds(100, 100, 703, 311);
}

```

```
contentPane = new JPanel();
contentPane.setBackground(new Color(0, 0, 0));
contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
setContentPane(contentPane);
contentPane.setLayout(null);
scrollPane.setBounds(10, 66, 683, 235);

contentPane.add(scrollPane);

String[] column= {"leave_id",
"leave_type","start_date","end_date","reason","status","admin_feedback","date_of_feedback"};
my_mysql1 obj=new my_mysql1();

leave_table = new javax.swing.JTable(obj.my_db_select(),column);
leave_table.setBackground(new Color(230, 230, 250));
leave_table.setForeground(Color.BLUE);
scrollPane.setViewportView(leave_table);
lblNewLabel_1.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
lblNewLabel_1.setBackground(new Color(245, 255, 250));
lblNewLabel_1.setBounds(162, 10, 226, 46);

contentPane.add(lblNewLabel_1);
lblCancelButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblCancelButton.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});
lblCancelButton.setForeground(Color.BLACK);
lblCancelButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblCancelButton.setBackground(Color.BLACK);
lblCancelButton.setBounds(668, 14, 25, 37);

contentPane.add(lblCancelButton);
```

```

lblMinimizeButton.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        setState(JFrame.ICONIFIED);
    }
});

lblMinimizeButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblMinimizeButton.setForeground(Color.BLACK);
lblMinimizeButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblMinimizeButton.setBackground(new Color(245, 255, 250));
lblMinimizeButton.setBounds(633, 10, 25, 37);

contentPane.add(lblMinimizeButton);
panel.setBackground(new Color(0, 255, 255));
panel.setBounds(10, 10, 683, 46);

contentPane.add(panel);
}

}

class my_mysql1 {
int size = 12;
public String[][] my_db_select() {
String[][] data = new String[size][8];
try{
    String JdbcURL = "jdbc:mysql://localhost:3306/lms";
    String Username = "root";
    String pass = "root123456";
    String query = "SELECT * FROM lms.leave_details LIMIT 0,12;";
    Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
    System.out.println("Connected to MySQL database");
    Statement st = con.createStatement();
    ResultSet rs = st.executeQuery(query);
    int i=0;
}
}
}

```

```

        while(rs.next())
    {
        for(int j=0;j<8;j++)
        {
            //System.out.print(rs.getString(j+1));
            data[i][j]=rs.getString(j+1);
        }
        //System.out.println();
        i=i+1;
    }

for (int x=0;x<data.length;x++) {
    for (int y=0;(data[x]!= null && y <data[x].length);y++) {
        System.out.print(data[x][y] + " ");
    }
    System.out.println();
}

st.close();
con.close();

}catch(Exception e){ System.out.println(e);}

return data;
}

}

Login_table:

package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.BorderLayout;

import java.awt.EventQueue;
import java.sql.Connection;
import java.sql.DriverManager;

```

```
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JScrollPane;
import javax.swing.JTable;

public class Login_table extends JFrame {

    private JPanel contentPane;
    private final JScrollPane scrollPane = new JScrollPane();
    private JTable login_db = new JTable();

    /**
     * Launch the application.
     */
    public static void main(String[] args) throws Exception {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Login_table frame = new Login_table();
                    frame.setLocationRelativeTo(null);
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }
}
```

```

}

/**
 * Create the frame.
 */
public Login_table() {
    initGUI();
}

private void initGUI() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 450, 300);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);
    scrollPane.setBounds(10, 10, 416, 243);

    contentPane.add(scrollPane);
    String[] column= {"Login_id","Password","User_Type"};
    my_mysql obj=new my_mysql();

    login_db = new javax.swing.JTable(obj.my_db_select(),column);
    scrollPane.setViewportView(login_db);
}

class my_mysql {
    int size = 14;

    public String[][] my_db_select() {
        String[][] data = new String[size][3];
        try{
            String JdbcURL = "jdbc:mysql://localhost:3306/lms";
            String Username = "root";
            String pass = "root123456";

```

```

String query = "SELECT * FROM lms.login LIMIT 0,14;"

Connection con = DriverManager.getConnection(JdbcURL, Username, pass);

System.out.println("Connected to MySQL database");

Statement st = con.createStatement();

ResultSet rs = st.executeQuery(query);

int i=0;

while(rs.next())

{

    for(int j=0;j<3;j++)

    {

        //System.out.print(rs.getString(j+1));

        data[i][j]=rs.getString(j+1);

    }

    //System.out.println();

    i=i+1;

}

for (int x=0;x<data.length;x++) {

    for (int y=0;(data[x]!= null && y <data[x].length);y++) {

        System.out.print(data[x][y] + " ");

    }

    System.out.println();

}

st.close();

con.close();

}catch(Exception e){ System.out.println(e);}

return data;
}
}

```

Login:

```
package LEAVE_MANAGEMENT_SYSTEM;
```

```
import java.sql.*;  
  
import java.util.Enumeration;  
import java.awt.EventQueue;  
  
import javax.swing.JFrame;  
import javax.swing.JOptionPane;  
import javax.swing.JButton;  
import java.awt.BorderLayout;  
import java.awt.event.ActionListener;  
import java.awt.event.ActionEvent;  
import java.awt.Color;  
import java.awt.Font;  
  
import javax.swing.JTextField;  
import javax.swing.JLabel;  
import javax.swing.JList;  
import javax.swing.ListSelectionModel;  
import javax.swing.AbstractButton;  
import javax.swing.AbstractListModel;  
import javax.swing.JPasswordField;  
import javax.swing.JRadioButtonMenuItem;  
import javax.swing.JRadioButton;  
import javax.swing.ButtonGroup;  
import javax.swing.JTable;  
import javax.swing.JPanel;  
import java.awt.event.MouseAdapter;  
import java.awt.event.MouseEvent;  
import java.awt.Cursor;  
import java.awt.Point;  
import java.awt.Rectangle;  
  
public class Login extends Leave_History{
```

```
private JFrame frmLoginPage;
private final JButton btnLogin = new JButton("Login");
protected final JTextField username = new JTextField();
private final JLabel lblUserName = new JLabel("USERNAME");
private final JLabel lblPassword = new JLabel("PASSWORD");
private final JPasswordField passwordField = new JPasswordField();
private final JRadioButton rdbtnHR_Manager = new JRadioButton("HR_MANAGER");
private final JRadioButton rdbtnEmployee = new JRadioButton("EMPLOYEE");
private final ButtonGroup user_type = new ButtonGroup();
private final JRadioButton rdbtnAdmin = new JRadioButton("ADMIN");
private final JLabel lblUserType = new JLabel("USER TYPE : ");

/**
 * Launch the application.
 */
String emp_id,user_type_value;
private String emp_password;
private final JLabel lblNewLabel_1 = new JLabel("Login Page ");
private final JLabel lblCancelButton = new JLabel("X");
private final JLabel lblMinimizeButton = new JLabel("-");
private final JPanel panel = new JPanel();
private final JLabel lblNewLabel = new JLabel("Forgot Password");
private final JPanel panel_1 = new JPanel();
String getPassword()
{
    return emp_password;
}
void setPassword(String emp_password)
{
    this.emp_password = emp_password;
}
void displayError()
{
```

```

}

Boolean verifyCredentials()
{
    return false;
}

public static void main(String[] args) throws Exception
{
    EventQueue.invokeLater(new Runnable() {

        public void run() {
            try {
                Login window = new Login();
                window.frmLoginPage.setLocationRelativeTo(null);
                window.frmLoginPage.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

Login ob = new Login();
ob.setPassword(ob.passwordField.toString());
//ob.emp_id = ob.username.toString();
//System.out.println(ob.emp_id);
/*String JdbcURL = "jdbc:mysql://localhost:3306/lms";
String Username = "root";
String pass = "";
String query = "SELECT password FROM lms.login WHERE Login_id = \"CB.EN.U4CSE19131\";*/

try
{
    Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
    System.out.println("Connected to MySQL database");
    Statement st = con.createStatement();
    ResultSet rs = st.executeQuery(query);
    rs.next();
}

```

```

        String password1 = rs.getString("password");
        System.out.println(password1);
        st.close();
        con.close();

    } catch (SQLException e) {
        e.printStackTrace();
    }
    */
}

public String getSelectedButtonText(ButtonGroup buttonGroup) {
    for (Enumeration<AbstractButton> buttons = buttonGroup.getElements(); buttons.hasMoreElements();) {
        AbstractButton button = buttons.nextElement();

        if (button.isSelected()) {
            return button.getText();
        }
    }

    return null;
}

/**
 * Create the application.
 */

public Login() {
    initialize();
}

/**
 * Initialize the contents of the frame.
 */

private void initialize() {
    username.setFont(new Font("Stencil", Font.PLAIN, 15));
}

```

```

username.setBackground(new Color(224, 255, 255));
username.setBounds(188, 184, 171, 19);
username.setColumns(10);
frmLoginPage = new JFrame();
frmLoginPage.setUndecorated(true);
frmLoginPage.setTitle("LOGIN PAGE");
frmLoginPage.getContentPane().setBackground(new Color(0, 0, 0));
frmLoginPage.setBounds(100, 100, 450, 314);
frmLoginPage.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
frmLoginPage.getContentPane().setLayout(null);
btnLogin.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnLogin.setForeground(new Color(0, 0, 255));
btnLogin.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
btnLogin.setBackground(new Color(0, 255, 255));
btnLogin.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        String message = "";
        int flag = 0, pos=0;
        my_mysql obj=new my_mysql();
        String data[][] = obj.my_db_select();
        for(int i=0;i<14;i++)
        {
            if(username.getText().equals(data[i][0]))
            {
                flag=1;
                pos=i;
                break;
            }
        }
        //System.out.println(getSelectedButtonText(user_type));
        if(flag==1 && getSelectedButtonText(user_type).equals(data[pos][2]) &&
data[pos][1].equals(new String(passwordField.getPassword())))
        {
            message = "Login Successful";
        }
    }
}

```

```

        if("EMPLOYEE".equals(data[pos][2]))
        {
            Employee home = new Employee(username.getText());
            home.Home_Frame(username.getText());
        }
        else if("HR_MANAGER".equals(data[pos][2]))
        {
            Home_Page_HR home = new Home_Page_HR();
            home.HR_PAGE();
        }
        else if("ADMIN".equals(data[pos][2]))
        {
            System_admin ad = new System_admin();
            ad.admin();
        }
    }
    else
        message = "Invalid username/password";
    JOptionPane.showMessageDialog(null, message);
    //lblUserName.setText(emp_id);*/
}

});

btnLogin.setBounds(104, 266, 117, 27);

frmLoginPage.getContentPane().add(btnLogin);

frmLoginPage.getContentPane().add(username);
lblUserName.setFont(new Font("Berlin Sans FB Demi", Font.BOLD, 15));
lblUserName.setForeground(new Color(255, 255, 255));
lblUserName.setBounds(66, 184, 106, 19);

frmLoginPage.getContentPane().add(lblUserName);
lblPassword.setFont(new Font("Berlin Sans FB Demi", Font.PLAIN, 15));
lblPassword.setForeground(new Color(255, 255, 255));

```

```
lblPassword.setBounds(66, 226, 112, 18);

frmLoginPage.getContentPane().add(lblPassword);
passwordField.setFont(new Font("Calibri", Font.PLAIN, 20));
passwordField.setBackground(new Color(224, 255, 255));
passwordField.setBounds(188, 225, 171, 19);

frmLoginPage.getContentPane().add(passwordField);
user_type.add(rdbtnHR_Manager);
rdbtnHR_Manager.setBackground(new Color(224, 255, 255));
rdbtnHR_Manager.setFont(new Font("Tempus Sans ITC", Font.BOLD, 20));
rdbtnHR_Manager.setBounds(188, 123, 171, 21);

frmLoginPage.getContentPane().add(rdbtnHR_Manager);
user_type.add(rdbtnEmployee);
rdbtnEmployee.setBackground(new Color(224, 255, 255));
rdbtnEmployee.setFont(new Font("Tempus Sans ITC", Font.BOLD, 20));
rdbtnEmployee.setBounds(188, 146, 171, 21);

frmLoginPage.getContentPane().add(rdbtnEmployee);
user_type.add(rdbtnAdmin);
rdbtnAdmin.setBackground(new Color(224, 255, 255));
rdbtnAdmin.setFont(new Font("Tempus Sans ITC", Font.BOLD, 20));
rdbtnAdmin.setBounds(188, 100, 171, 21);

frmLoginPage.getContentPane().add(rdbtnAdmin);
lblUserType.setFont(new Font("Berlin Sans FB Demi", Font.BOLD, 15));
lblUserType.setForeground(new Color(255, 255, 255));
lblUserType.setBounds(66, 125, 111, 17);

frmLoginPage.getContentPane().add(lblUserType);
lblCancelButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblCancelButton.addMouseListener(new MouseAdapter() {
    @Override
```

```
public void mouseClicked(MouseEvent e) {
    System.exit(0);
}

});

lblCancelButton.setForeground(new Color(0, 0, 0));
lblCancelButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblCancelButton.setBackground(new Color(0, 0, 0));
lblCancelButton.setBounds(415, 10, 25, 37);

frmLoginPage.getContentPane().add(lblCancelButton);

lblMinimizeButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblMinimizeButton.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        frmLoginPage.setState(JFrame.ICONIFIED);
    }
});

lblMinimizeButton.setForeground(new Color(0, 0, 0));
lblMinimizeButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblMinimizeButton.setBackground(new Color(245, 255, 250));
lblMinimizeButton.setBounds(382, 10, 25, 37);

frmLoginPage.getContentPane().add(lblMinimizeButton);
panel.setBackground(new Color(0, 255, 255));
panel.setBounds(10, 10, 430, 56);

frmLoginPage.getContentPane().add(panel);
panel.add(lblNewLabel_1);

lblNewLabel_1.setBackground(new Color(245, 255, 250));
lblNewLabel_1.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
lblNewLabel_1.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        //forgot pass code
    }
});
```

```

        Reset_Password set = new Reset_Password(username.getText());
        set.Reset_Page(username.getText());
    }

});

lblNewLabel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblNewLabel.setFont(new Font("Tempus Sans ITC", Font.BOLD, 20));
lblNewLabel.setForeground(new Color(255, 255, 255));
lblNewLabel.setBounds(249, 266, 176, 27);

frmLoginPage.getContentPane().add(lblNewLabel);
panel_1.setBackground(new Color(0, 0, 255));
panel_1.setBounds(10, 76, 430, 228);

frmLoginPage.getContentPane().add(panel_1);
}
}


```

```

Reset_Password:

package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.Color;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
import javax.swing.JButton;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;

```

```
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;

import javax.swing.JPanel;
import java.awt.SystemColor;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.Cursor;

public class Reset_Password {

    private JFrame frame;
    private final JLabel lblNewPassword = new JLabel("NEW PASSWORD : ");
    private final JLabel lblRetypePassword = new JLabel("RETYPE PASSWORD : ");
    private final JPasswordField passwordField = new JPasswordField();
    private final JPasswordField passwordField_1 = new JPasswordField();
    private final JButton btnSave = new JButton("SAVE");
    private final JLabel lblResetPassword = new JLabel("Reset Password ");
    private final JLabel lblCancelButton = new JLabel("X");
    private final JLabel lblMinimizeButton = new JLabel("-");
    private final JPanel panel = new JPanel();
    private final JLabel lblUsername = new JLabel();
    private final JButton btnNewButton = new JButton("New button");
    private final JPanel panel_1 = new JPanel();

    /**
     * Launch the application.
     */
    public static void Reset_Page(String uname) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
```

```

        Reset_Password window = new Reset_Password(uname);
        window.frame.setLocationRelativeTo(null);
        window.frame.setVisible(true);

    } catch (Exception e) {
        e.printStackTrace();
    }
}

});

}

/***
 * Create the application.
 */
public Reset_Password(String uname) {
    initialize(uname);
}

}

/***
 * Initialize the contents of the frame.
 */
private void initialize(String uname) {
    frame = new JFrame();
    frame.setUndecorated(true);
    frame.getContentPane().setBackground(new Color(0, 0, 0));
    frame.setBounds(100, 100, 450, 300);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.getContentPane().setLayout(null);
    lblNewPassword.setForeground(new Color(255, 255, 255));
    lblNewPassword.setFont(new Font("Berlin Sans FB Demi", Font.BOLD, 20));
    lblNewPassword.setBounds(26, 131, 179, 25);

    frame.getContentPane().add(lblNewPassword);
    lblRetypePassword.setForeground(new Color(255, 255, 255));
    lblRetypePassword.setFont(new Font("Berlin Sans FB Demi", Font.BOLD, 20));
}

```

```

lblRetypePassword.setBounds(26, 188, 230, 25);

frame.getContentPane().add(lblRetypePassword);
passwordField.setFont(new Font("Calibri", Font.PLAIN, 20));
passwordField.setBackground(new Color(224, 255, 255));
passwordField.setBounds(223, 131, 193, 25);

frame.getContentPane().add(passwordField);
passwordField_1.setFont(new Font("Calibri", Font.PLAIN, 20));
passwordField_1.setBackground(new Color(224, 255, 255));
passwordField_1.setBounds(223, 188, 193, 25);

frame.getContentPane().add(passwordField_1);
btnSave.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnSave.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //check validity
        String message = "";
        if((new String(passwordField.getPassword())).equals(new
String(passwordField_1.getPassword())))
        {
            message = "Password Changed";
            try
            {
                String JdbcURL = "jdbc:mysql://localhost:3306/lms";
                String Username = "root";
                String pass = "root123456";
                String new_password = (new String(passwordField.getPassword()));
                String query = "Update login set Password = ? where login_id =?;";
                Connection con = DriverManager.getConnection(JdbcURL,
Username, pass);
                System.out.println("Connected to MySQL database");
                PreparedStatement st = con.prepareStatement(query);
                st.setString(1, new_password);
                st.setString(2, uname);
            }
        }
    }
}
)

```

```

        st.executeUpdate();

        System.out.println("Database updated successfully ");

    }catch(Exception e1){ System.out.println(e1);}

}

else

    message = "Passwords doesn't match";

JOptionPane.showMessageDialog(null, message);

}

});

btnSave.setForeground(Color.BLUE);

btnSave.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));

btnSave.setBackground(Color.CYAN);

btnSave.setBounds(143, 243, 117, 27);

frame.getContentPane().add(btnSave);

lblResetPassword.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));

lblResetPassword.setBackground(new Color(245, 255, 250));

lblResetPassword.setBounds(49, 10, 263, 46);

frame.getContentPane().add(lblResetPassword);

lblCancelButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));

lblCancelButton.addMouseListener(new MouseAdapter() {

    @Override

    public void mouseClicked(MouseEvent e) {

        System.exit(0);

    }

});

lblCancelButton.setForeground(Color.BLACK);

lblCancelButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));

lblCancelButton.setBackground(Color.BLACK);

lblCancelButton.setBounds(391, 14, 25, 36);

frame.getContentPane().add(lblCancelButton);

lblMinimizeButton.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));

```

```
lblMinimizeButton.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        frame.setState(JFrame.ICONIFIED);
    }
});

lblMinimizeButton.setForeground(Color.BLACK);
lblMinimizeButton.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblMinimizeButton.setBackground(new Color(245, 255, 250));
lblMinimizeButton.setBounds(356, 10, 25, 37);

frame.getContentPane().add(lblMinimizeButton);
panel.setBackground(new Color(0, 255, 255));
panel.setBounds(10, 10, 430, 46);

frame.getContentPane().add(panel);
lblUsername.setForeground(Color.WHITE);
lblUsername.setFont(new Font("Stencil", Font.BOLD, 25));
lblUsername.setBackground(SystemColor.menu);
lblUsername.setBounds(88, 66, 267, 45);

frame.getContentPane().add(lblUsername);
btnNewButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        lblUsername.setText(uname);
    }
});

btnNewButton.setBackground(new Color(0, 0, 128));
btnNewButton.setBounds(20, 75, 43, 36);

frame.getContentPane().add(btnNewButton);
panel_1.setBackground(new Color(0, 0, 255));
panel_1.setBounds(10, 66, 430, 224);
```

```
        frame.getContentPane().add(panel_1);

    }

}

System_admin:

package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.EventQueue;

import javax.swing.JFrame;

import java.awt.Color;

import javax.swing.JButton;

import java.awt.Font;

import javax.swing.JPanel;

import java.awt.event.ActionListener;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.event.ActionEvent;

import javax.swing.JLabel;

import javax.swing.UIManager;

import java.awt.Cursor;

import java.awt.Rectangle;

public class System_admin {

    private JFrame frame;

    /**
     * Launch the application.
     */
    public void admin() {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
```

```

        System_admin window = new System_admin();
        window.frame.setLocationRelativeTo(null);
        window.frame.setVisible(true);
    } catch (Exception e) {
        e.printStackTrace();
    }
}

});

}

/***
 * Create the application.
 */
public System_admin() {
    initialize();
}

/***
 * Initialize the contents of the frame.
 */
private void initialize() {
    frame = new JFrame();
    frame.getContentPane().setBackground(Color.BLACK);
    frame.setBounds(100, 100, 514, 395);
    frame.setUndecorated(true);
    frame.getContentPane().setLayout(null);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.getContentPane().setLayout(null);

    JButton btnDelEmp = new JButton("Delete employee");
    btnDelEmp.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
    btnDelEmp.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            DeleteEmployee set=new DeleteEmployee();

```

```

        //DeleteEmployee.delete();
        set.delete();
    }

});

btnDelEmp.setBackground(Color.CYAN);
btnDelEmp.setForeground(Color.BLUE);
btnDelEmp.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
btnDelEmp.setBounds(119, 285, 271, 45);
frame.getContentPane().add(btnDelEmp);

JButton btnViewEmp = new JButton("View Employee");
btnViewEmp.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnViewEmp.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        ViewEmployee set=new ViewEmployee();
        //ViewEmployee.view();
        set.view();
    }
});

btnViewEmp.setForeground(Color.BLUE);
btnViewEmp.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
btnViewEmp.setBackground(Color.CYAN);
btnViewEmp.setBounds(119, 161, 271, 45);
frame.getContentPane().add(btnViewEmp);

JLabel lblNewLabel = new JLabel("System Admin");
frame.getContentPane().add(lblNewLabel);
lblNewLabel.setBounds(new Rectangle(142, 11, 222, 46));
lblNewLabel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblNewLabel.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
lblNewLabel.setBackground(new Color(245, 255, 250));

JLabel btnCancel = new JLabel("X");

```

```

lblcancel.setForeground(Color.BLACK);
frame.getContentPane().add(lblcancel);
lblcancel.setBounds(new Rectangle(466, 15, 25, 36));
lblcancel.setBackground(Color.BLACK);
lblcancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblcancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

lblcancel.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));

JLabel lblminimize = new JLabel("-");
lblminimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblminimize.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        frame.setState(JFrame.ICONIFIED);
    }
});

lblminimize.setForeground(Color.BLACK);
frame.getContentPane().add(lblminimize);
lblminimize.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblminimize.setBounds(new Rectangle(440, 15, 12, 36));
lblminimize.setBackground(Color.BLACK);

JPanel panel = new JPanel();
panel.setBackground(Color.CYAN);
panel.setBounds(10, 11, 494, 47);
frame.getContentPane().add(panel);

JButton btnUptEmp = new JButton("Update Employee");
btnUptEmp.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));

```

```

btnUptEmp.setBackground(Color.CYAN);
btnUptEmp.setForeground(Color.BLUE);
btnUptEmp.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //.....update
        Update_Emp obj = new Update_Emp();
        obj.update();
    }
});

btnUptEmp.setBounds(119, 223, 271, 45);
frame.getContentPane().add(btnUptEmp);

JButton btnCreateEmp = new JButton("Create Employee");
btnCreateEmp.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //.....CREATE
        Create_Emp obj = new Create_Emp();
        obj.create_emp();
    }
});

btnCreateEmp.setForeground(Color.BLUE);
btnCreateEmp.setBackground(Color.CYAN);
btnCreateEmp.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
btnCreateEmp.setBounds(119, 99, 271, 45);
frame.getContentPane().add(btnCreateEmp);

JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 67, 494, 318);
frame.getContentPane().add(panel_1);

}
}

```

```
Table_view:  
  
package LEAVE_MANAGEMENT_SYSTEM;  
  
import java.awt.EventQueue;  
  
  
import javax.swing.JFrame;  
import java.awt.Color;  
import javax.swing.JLabel;  
import java.awt.Rectangle;  
import java.awt.event.MouseAdapter;  
import java.awt.event.MouseEvent;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;  
import java.sql.Statement;  
import java.awt.Font;  
import java.awt.Cursor;  
import javax.swing.JPanel;  
import javax.swing.border.EmptyBorder;  
  
  
import javax.swing.JScrollBar;  
import javax.swing.JScrollPane;  
import javax.swing.JTable;  
import javax.swing.table.DefaultTableModel;  
  
  
public class Table_view {  
  
    private JFrame frame;  
    private JTable table;  
  
    /**  
     * Launch the application.  
     */  
    public void disp() {  
        EventQueue.invokeLater(new Runnable() {
```

```
public void run() {
    try {
        Table_view window = new Table_view();
        window.frame.setLocationRelativeTo(null);
        window.frame.setVisible(true);
    } catch (Exception e) {
        e.printStackTrace();
    }
}

});

}

/***
 * Create the application.
 */
public Table_view() {
    initialize();
}

/***
 * Initialize the contents of the frame.
 */
private void initialize() {
    frame = new JFrame();
    frame.getContentPane().setBackground(Color.BLACK);
    frame.setBounds(100, 100, 1525, 135);
    frame.setUndecorated(true);
    frame.getContentPane().setLayout(null);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.getContentPane().setLayout(null);

    JLabel lblminimize = new JLabel("-");
    lblminimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
    lblminimize.addMouseListener(new MouseAdapter() {
```

```

@Override
public void mouseClicked(MouseEvent e) {
frame.setState(JFrame.ICONIFIED);
}
});

lblminimize.setForeground(Color.RED);
lblminimize.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblminimize.setBounds(new Rectangle(452, 21, 12, 36));
lblminimize.setBackground(Color.BLACK);
lblminimize.setBounds(1466, 27, 14, 36);
frame.getContentPane().add(lblminimize);

JPanel panel = new JPanel();
panel.setBackground(Color.CYAN);
panel.setBounds(13, 16, 1447, 47);
frame.getContentPane().add(panel);

JLabel lblEmployeeTable = new JLabel("Employee Table ");
panel.add(lblEmployeeTable);
lblEmployeeTable.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
lblEmployeeTable.setBackground(new Color(245, 255, 250));

 JScrollPane scrollPane = new JScrollPane();
scrollPane.setBounds(13, 75, 1504, 46);
frame.getContentPane().add(scrollPane);

table = new JTable();
table.setModel(new DefaultTableModel(
new Object[][] {
},
new String[] {
"emp_id", "first_name", "middle_name", "last_name", "gender", "job_code", "dob", "door_no", "street_name",
"marital_status", "no_of_days_worked", "dept_code", "pincode", "payroll_id", "dept_name", "designation",
"login_id"
}
)
}

```

```

});

String[] column={"emp_id", "first_name", "middle_name", "last_name", "gender", "job_code", "dob", "door_no",
"street_name", "marital_status", "no_of_days_worked", "dept_code", "pincode", "payroll_id", "dept_name",
"designation", "login_id"};

my_mysql3 obj=new my_mysql3();

table = new javax.swing.JTable(obj.my_db_select(),column);

scrollPane.setViewportView(table);

JLabel lblcancel = new JLabel("X");

lblcancel.setBounds(1490, 26, 25, 36);

frame.getContentPane().add(lblcancel);

lblcancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));

lblcancel.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) {

System.exit(0);

}

});

lblcancel.setForeground(Color.RED);

lblcancel.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));

lblcancel.setBackground(Color.BLUE);

}

}

class my_mysql3 {

int size = 1;

public String[][] my_db_select() {

String[][] data = new String[size][17];

try{

String JdbcURL = "jdbc:mysql://localhost:3306/lms";

String Username = "root";

String pass = "root123456";

```

```
String query = "SELECT * FROM lms.employee LIMIT 0,1;"  
Connection con = DriverManager.getConnection(JdbcURL, Username, pass);  
System.out.println("Connected to MySQL database");  
Statement st = con.createStatement();  
ResultSet rs = st.executeQuery(query);  
  
int i=0;  
  
while(rs.next())  
{  
    for(int j=0;j<17;j++)  
    {  
        //System.out.print(rs.getString(j+1));  
        data[i][j]=rs.getString(j+1);  
    }  
    //System.out.println();  
    i=i+1;  
}  
  
for (int x=0;x<data.length;x++) {  
    for (int y=0;(data[x]!= null && y <data[x].length);y++) {  
        //System.out.print(data[x][y] + " ");  
    }  
    //System.out.println();  
}  
  
st.close();  
con.close();  
}catch(Exception e){ System.out.println(e);}  
  
return data;  
}  
}  
Update_Emp:  
package LEAVE_MANAGEMENT_SYSTEM;
```

```
import java.awt.EventQueue;

import javax.swing.AbstractButton;
import javax.swing.ButtonGroup;
import javax.swing.JFrame;
import java.awt.Color;
import java.awt.Cursor;

import javax.swing.JPanel;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.Window;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.util.Enumeration;

import javax.swing.JRadioButton;
import javax.swing.JTextField;
import javax.swing.JButton;
import javax.swing.JComponent;

public class Update_Emp {

    private JFrame frmUpdateEmp;
    private ButtonGroup actions = new ButtonGroup();

    /**

```

```

 * Launch the application.

*/
public void update() {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Update_Emp window = new Update_Emp();
                window.frmUpdateEmp.setLocationRelativeTo(null);
                window.frmUpdateEmp.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

public String getSelectedButtonText(ButtonGroup buttonGroup) {
    for (Enumeration<AbstractButton> buttons = buttonGroup.getElements(); buttons.hasMoreElements();) {
        AbstractButton button = buttons.nextElement();

        if (button.isSelected()) {
            return button.getText();
        }
    }

    return null;
}

/**
 * Create the application.
*/
public Update_Emp() {
    initialize();
}

```

```

/**
 * Initialize the contents of the frame.
 */
private void initialize() {
    frmUpdateEmp = new JFrame();
    frmUpdateEmp.getContentPane().setBackground(Color.BLACK);
    frmUpdateEmp.getContentPane().setLayout(null);

    JPanel panel = new JPanel();
    panel.setBackground(Color.CYAN);
    panel.setBounds(10, 10, 527, 48);
    frmUpdateEmp.getContentPane().add(panel);
    panel.setLayout(null);

    JLabel lblUpdateEmp = new JLabel("Update Employee Record");
    lblUpdateEmp.setFont(new Font("Tahoma", Font.BOLD, 30));
    lblUpdateEmp.setBounds(10, 0, 389, 48);
    panel.add(lblUpdateEmp);

    JLabel lblMinimize = new JLabel("-");
    lblMinimize.setFont(new Font("Dialog", Font.BOLD, 40));
    lblMinimize.setBounds(449, 15, 29, 13);
    panel.add(lblMinimize);
    lblMinimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
    lblMinimize.addMouseListener(new MouseAdapter() {
        @Override
        public void mouseClicked(MouseEvent e) {
            frmUpdateEmp.setState(JFrame.ICONIFIED);
        }
    });
}

JLabel lblClose = new JLabel("x");
lblClose.setFont(new Font("Dialog", Font.BOLD, 40));

```

```
lblClose.setBounds(488, 3, 29, 37);
panel.add(lblClose);
lblClose.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblClose.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 68, 527, 308);
frmUpdateEmp.getContentPane().add(panel_1);
panel_1.setLayout(null);

JRadioButton rdbtnAddr = new JRadioButton("Address");
rdbtnAddr.setFont(new Font("Tahoma", Font.BOLD, 20));
rdbtnAddr.setBackground(Color.CYAN);
rdbtnAddr.setBounds(173, 100, 171, 33);
panel_1.add(rdbtnAddr);
actions.add(rdbtnAddr);

JRadioButton rdbtnMailId = new JRadioButton("Mail ID");
rdbtnMailId.setFont(new Font("Tahoma", Font.BOLD, 20));
rdbtnMailId.setBackground(Color.CYAN);
rdbtnMailId.setBounds(173, 146, 171, 33);
panel_1.add(rdbtnMailId);
actions.add(rdbtnMailId);

JRadioButton rdbtnPhoneNo = new JRadioButton("Phone number");
rdbtnPhoneNo.setFont(new Font("Tahoma", Font.BOLD, 20));
rdbtnPhoneNo.setBackground(Color.CYAN);
rdbtnPhoneNo.setBounds(173, 192, 171, 33);
```

```
panel_1.add(rdbtnPhoneNo);
actions.add(rdbtnPhoneNo);

JLabel lblNewLabel_3 = new JLabel("You can update the following details only.");
lblNewLabel_3.setForeground(Color.WHITE);
lblNewLabel_3.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_3.setBounds(53, 22, 438, 25);
panel_1.add(lblNewLabel_3);

JLabel lblNewLabel_4 = new JLabel("Which one do you want to update?");
lblNewLabel_4.setForeground(Color.WHITE);
lblNewLabel_4.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_4.setBounds(82, 57, 369, 25);
panel_1.add(lblNewLabel_4);

JButton btnCancel = new JButton("Cancel");
btnCancel.setFont(new Font("Tahoma", Font.BOLD, 20));
btnCancel.setForeground(Color.BLACK);
btnCancel.setBackground(Color.CYAN);
btnCancel.setBounds(200, 421, 110, 30);
panel_1.add(btnCancel);
btnCancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnCancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

JButton btnNext = new JButton("Next");
btnNext.setFont(new Font("Tahoma", Font.BOLD, 20));
btnNext.setBackground(Color.CYAN);
btnNext.setBounds(388, 241, 103, 33);
panel_1.add(btnNext);
```

```

frmUpdateEmp.setUndecorated(true);
frmUpdateEmp.setBounds(100, 100, 547, 386);
frmUpdateEmp.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

btnNext.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        if(rdbtnAddr.isSelected()) {
            UpdateAddr frame1=new UpdateAddr();
            frame1.update_addr();
        }
        else if(rdbtnMailId.isSelected()) {
            UpdateMailId frame2=new UpdateMailId();
            frame2.update_mail();
        }
        else {
            UpdatePhone frame3=new UpdatePhone();
            frame3.update_phone();
        }
    }
});

UpdateAddr:
package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.EventQueue;

import javax.swing.JFrame;
import java.awt.Color;
import java.awt.Cursor;

```

```
import javax.swing.JPanel;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

import javax.swing.JTextField;
import javax.swing.JButton;

public class UpdateAddr {

    private JFrame frmUpdateAddr;
    private JTextField textFieldEmplId;
    private JTextField textFieldDoorNo;
    private JTextField textFieldStreetName;
    private JTextField textFieldPincode;

    /**
     * Launch the application.
     */
    public static void update_addr() {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    UpdateAddr window = new UpdateAddr();
                    window.frmUpdateAddr.setLocationRelativeTo(null);
                }
                catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }
}
```

```
        window.frmUpdateAddr.setVisible(true);

    } catch (Exception e) {
        e.printStackTrace();
    }
}

});

}

/***
 * Create the application.
 */
public UpdateAddr() {
    initialize();
}

/***
 * Initialize the contents of the frame.
 */
private void initialize() {
    frmUpdateAddr = new JFrame();
    frmUpdateAddr.getContentPane().setBackground(Color.BLACK);
    frmUpdateAddr.getContentPane().setLayout(null);

    JPanel panel = new JPanel();
    panel.setBackground(Color.CYAN);
    panel.setBounds(10, 10, 446, 49);
    frmUpdateAddr.getContentPane().add(panel);
    panel.setLayout(null);

    JLabel lblUpdateAdd = new JLabel("Update Address");
    lblUpdateAdd.setFont(new Font("Tahoma", Font.BOLD, 30));
    lblUpdateAdd.setBounds(10, 10, 251, 29);
    panel.add(lblUpdateAdd);
}
```

```

JLabel lblMinimize = new JLabel("-");
lblMinimize.setFont(new Font("Tahoma", Font.BOLD, 30));
lblMinimize.setBounds(382, 18, 22, 13);
panel.add(lblMinimize);
lblMinimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblMinimize.addMouseListener(new MouseAdapter() {

    @Override
    public void mouseClicked(MouseEvent e) {
        frmUpdateAddr.setState(JFrame.ICONIFIED);
    }
});

JLabel lblClose = new JLabel("x");
lblClose.setFont(new Font("Tahoma", Font.BOLD, 30));
lblClose.setBounds(414, 10, 22, 29);
panel.add(lblClose);
lblClose.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblClose.addMouseListener(new MouseAdapter() {

    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 69, 446, 264);
frmUpdateAddr.getContentPane().add(panel_1);
panel_1.setLayout(null);

JLabel lblEmpId = new JLabel("Employee ID");
lblEmpId.setForeground(Color.WHITE);
lblEmpId.setFont(new Font("Tahoma", Font.BOLD, 20));
lblEmpId.setBounds(10, 22, 136, 25);

```

```
panel_1.add(lblEmplId);

JLabel lblDoorNo = new JLabel("Door No");
lblDoorNo.setForeground(Color.WHITE);
lblDoorNo.setFont(new Font("Tahoma", Font.BOLD, 20));
lblDoorNo.setBounds(10, 70, 88, 25);
panel_1.add(lblDoorNo);

JLabel lblStreetName = new JLabel("Street Name");
lblStreetName.setForeground(Color.WHITE);
lblStreetName.setFont(new Font("Tahoma", Font.BOLD, 20));
lblStreetName.setBounds(10, 115, 136, 25);
panel_1.add(lblStreetName);

JLabel lblPincode = new JLabel("Pincode");
lblPincode.setForeground(Color.WHITE);
lblPincode.setFont(new Font("Tahoma", Font.BOLD, 20));
lblPincode.setBounds(10, 163, 88, 25);
panel_1.add(lblPincode);

textFieldEmplId = new JTextField();
textFieldEmplId.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldEmplId.setBounds(180, 22, 145, 25);
panel_1.add(textFieldEmplId);
textFieldEmplId.setColumns(10);

textFieldDoorNo = new JTextField();
textFieldDoorNo.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldDoorNo.setBounds(178, 70, 147, 26);
panel_1.add(textFieldDoorNo);
textFieldDoorNo.setColumns(10);

textFieldStreetName = new JTextField();
textFieldStreetName.setFont(new Font("Tahoma", Font.PLAIN, 20));
```

```
textFieldStreetName.setBounds(180, 115, 240, 26);
panel_1.add(textFieldStreetName);

textFieldStreetName.setColumns(10);

textFieldPincode = new JTextField();
textFieldPincode.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldPincode.setBounds(180, 163, 152, 26);
panel_1.add(textFieldPincode);
textFieldPincode.setColumns(10);

JButton btnCancel = new JButton("Cancel");
btnCancel.setFont(new Font("Tahoma", Font.BOLD, 20));
btnCancel.setBackground(Color.CYAN);
btnCancel.setBounds(61, 216, 111, 38);
panel_1.add(btnCancel);
btnCancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnCancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

JButton btnSubmit = new JButton("Submit");
btnSubmit.setFont(new Font("Tahoma", Font.BOLD, 20));
btnSubmit.setBackground(Color.CYAN);
btnSubmit.setBounds(282, 216, 111, 38);
panel_1.add(btnSubmit);
frmUpdateAddr.setUndecorated(true);
frmUpdateAddr.setBounds(100, 100, 466, 343);
frmUpdateAddr.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
btnSubmit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //update employee address
    }
});
```

```

try
{
    Class.forName("com.mysql.jdbc.Driver");
    String JdbcURL = "jdbc:mysql://localhost:3306/lms";
    String Username = "root";
    String pass = "root1234567";

    Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
    System.out.println("Connected to MySQL database");

    String query = "UPDATE lms.employee set
door_no=?,street_name=?,pincode=? where emp_id=?;";
    PreparedStatement st = con.prepareStatement(query);

    int door_no = Integer.parseInt(textFieldDoorNo.getText());
    st.setInt(1,door_no);
    String street_name = textFieldStreetName.getText();
    st.setString(2,street_name);
    int pincode = Integer.parseInt(textFieldPincode.getText());
    st.setInt(3,pincode);
    String emp_id = textFieldEmpld.getText();
    st.setString(4,emp_id);
    st.executeUpdate();
    con.close();

}catch(Exception e1){ System.out.println(e1);
}
JOptionPane.showMessageDialog(null,"Address updated");
}

};

}

}

UpdateMailId:
package LEAVE_MANAGEMENT_SYSTEM;

```

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import java.awt.Color;
import java.awt.Cursor;

import javax.swing.JPanel;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

import javax.swing.JTextField;
import javax.swing.JButton;

public class UpdateMailId {

    private JFrame frmUpdateMail;
    private JTextField textFieldEmpld;
    private JTextField textFieldNewMail;

    /**
     * Launch the application.
     */
    public static void update_mail() {
        EventQueue.invokeLater(new Runnable() {
```

```
public void run() {
    try {
        UpdateMailId window = new UpdateMailId();
        window.frmUpdateMail.setLocationRelativeTo(null);
        window.frmUpdateMail.setVisible(true);
    } catch (Exception e) {
        e.printStackTrace();
    }
}

});

}

/***
 * Create the application.
 */
public UpdateMailId() {
    initialize();
}

/***
 * Initialize the contents of the frame.
 */
private void initialize() {
    frmUpdateMail = new JFrame();
    frmUpdateMail.getContentPane().setBackground(Color.BLACK);
    frmUpdateMail.getContentPane().setLayout(null);

    JPanel panel = new JPanel();
    panel.setBackground(Color.CYAN);
    panel.setBounds(10, 10, 430, 51);
    frmUpdateMail.getContentPane().add(panel);
    panel.setLayout(null);

    JLabel lblNewLabel = new JLabel("Update Mail Id");
}
```

```
lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 30));
lblNewLabel.setBounds(10, 10, 273, 31);
panel.add(lblNewLabel);

JLabel lblMinimize = new JLabel("-");
lblMinimize.setFont(new Font("Tahoma", Font.BOLD, 30));
lblMinimize.setBounds(357, 19, 23, 13);
panel.add(lblMinimize);
lblMinimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblMinimize.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        frmUpdateMail.setState(JFrame.ICONIFIED);
    }
});

JLabel lblClose = new JLabel("x");
lblClose.setFont(new Font("Tahoma", Font.BOLD, 30));
lblClose.setBounds(397, 10, 23, 30);
panel.add(lblClose);
lblClose.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblClose.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 71, 430, 219);
frmUpdateMail.getContentPane().add(panel_1);
panel_1.setLayout(null);
```

```
JLabel lblNewLabel_3 = new JLabel("Employee ID");
lblNewLabel_3.setForeground(Color.WHITE);
lblNewLabel_3.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_3.setBounds(32, 34, 136, 25);
panel_1.add(lblNewLabel_3);
```

```
textFieldEmpld = new JTextField();
textFieldEmpld.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldEmpld.setBounds(213, 34, 186, 25);
panel_1.add(textFieldEmpld);
textFieldEmpld.setColumns(10);
```

```
JLabel lblNewLabel_4 = new JLabel("New Mail Id");
lblNewLabel_4.setForeground(Color.WHITE);
lblNewLabel_4.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_4.setBounds(32, 101, 160, 25);
panel_1.add(lblNewLabel_4);
```

```
textFieldNewMail = new JTextField();
textFieldNewMail.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldNewMail.setBounds(213, 101, 207, 25);
panel_1.add(textFieldNewMail);
textFieldNewMail.setColumns(10);
```

```
JButton btnSubmit = new JButton("Submit");
btnSubmit.setBackground(Color.CYAN);
btnSubmit.setFont(new Font("Tahoma", Font.BOLD, 20));
btnSubmit.setBounds(269, 170, 116, 39);
panel_1.add(btnSubmit);
```

```
JButton btnCancel = new JButton("Cancel");
btnCancel.setBackground(Color.CYAN);
btnCancel.setFont(new Font("Tahoma", Font.BOLD, 20));
btnCancel.setBounds(32, 170, 116, 39);
```

```

panel_1.add(btnCancel);
btnCancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnCancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

frmUpdateMail.setUndecorated(true);
frmUpdateMail.setBounds(100, 100, 450, 300);
frmUpdateMail.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
btnSubmit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //update employee mail Id

        try {
            Class.forName("com.mysql.jdbc.Driver");
            String JdbcURL = "jdbc:mysql://localhost:3306/lms";
            String Username = "root";
            String pass = "root1234567";

            Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
            System.out.println("Connected to MySQL database");
            String query = "UPDATE lms.emp_mail set mail_id=? where emp_id=?;";
            PreparedStatement st = con.prepareStatement(query);
            String mail_id = textFieldNewMail.getText();
            st.setString(1,mail_id);
            String emp_id = textFieldEmpld.getText();
            st.setString(2,emp_id);
            st.executeUpdate();
            con.close();
        }catch(Exception e1){ System.out.println(e1);
    }
}

```

```
JOptionPane.showMessageDialog(null,"Mail ID updated");

    }

});

}

UpdatePhone:

package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.EventQueue;

import javax.swing.JFrame;
import java.awt.Color;
import java.awt.Cursor;

import javax.swing.JPanel;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

import javax.swing.JTextField;
import javax.swing.JButton;

public class UpdatePhone {
```

```

private JFrame frmUpdatePhone;
private JTextField textFieldEmpld;
private JTextField textFieldNewPhNo;

/**
 * Launch the application.
 */
public static void update_phone() {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                UpdatePhone window = new UpdatePhone();
                window.frmUpdatePhone.setLocationRelativeTo(null);
                window.frmUpdatePhone.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

/**
 * Create the application.
 */
public UpdatePhone() {
    initialize();
}

/**
 * Initialize the contents of the frame.
 */
private void initialize() {
    frmUpdatePhone = new JFrame();
    frmUpdatePhone.getContentPane().setBackground(Color.BLACK);
}

```

```
frmUpdatePhone.getContentPane().setLayout(null);

JPanel panel = new JPanel();
panel.setBackground(Color.CYAN);
panel.setBounds(10, 10, 430, 51);
frmUpdatePhone.getContentPane().add(panel);
panel.setLayout(null);

JLabel lblNewLabel = new JLabel("Update Phone No");
lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 30));
lblNewLabel.setBounds(10, 10, 273, 31);
panel.add(lblNewLabel);

JLabel lblMinimize = new JLabel("-");
lblMinimize.setFont(new Font("Tahoma", Font.BOLD, 30));
lblMinimize.setBounds(357, 19, 23, 13);
panel.add(lblMinimize);
lblMinimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblMinimize.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        frmUpdatePhone.setState(JFrame.ICONIFIED);
    }
});

JLabel lblClose = new JLabel("x");
lblClose.setFont(new Font("Tahoma", Font.BOLD, 30));
lblClose.setBounds(397, 10, 23, 30);
panel.add(lblClose);
lblClose.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblClose.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});
```

```
        }

    });

JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 71, 430, 219);
frmUpdatePhone.getContentPane().add(panel_1);
panel_1.setLayout(null);

JLabel lblNewLabel_3 = new JLabel("Employee ID");
lblNewLabel_3.setForeground(Color.WHITE);
lblNewLabel_3.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_3.setBounds(32, 34, 136, 25);
panel_1.add(lblNewLabel_3);

textFieldEmpId = new JTextField();
textFieldEmpId.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldEmpId.setBounds(213, 34, 186, 25);
panel_1.add(textFieldEmpId);
textFieldEmpId.setColumns(10);

JLabel lblNewLabel_4 = new JLabel("New Phone No");
lblNewLabel_4.setForeground(Color.WHITE);
lblNewLabel_4.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_4.setBounds(32, 101, 160, 25);
panel_1.add(lblNewLabel_4);

textFieldNewPhNo = new JTextField();
textFieldNewPhNo.setFont(new Font("Tahoma", Font.PLAIN, 20));
textFieldNewPhNo.setBounds(213, 101, 207, 25);
panel_1.add(textFieldNewPhNo);
textFieldNewPhNo.setColumns(10);

JButton btnSubmit = new JButton("Submit");
```

```

btnSubmit.setBackground(Color.CYAN);
btnSubmit.setFont(new Font("Tahoma", Font.BOLD, 20));
btnSubmit.setBounds(269, 170, 116, 39);
panel_1.add(btnSubmit);

JButton btnCancel = new JButton("Cancel");
btnCancel.setBackground(Color.CYAN);
btnCancel.setFont(new Font("Tahoma", Font.BOLD, 20));
btnCancel.setBounds(32, 170, 116, 39);
panel_1.add(btnCancel);
btnCancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
btnCancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

frmUpdatePhone.setUndecorated(true);
frmUpdatePhone.setBounds(100, 100, 450, 300);
frmUpdatePhone.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
btnSubmit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        //update employee address

        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            String JdbcURL = "jdbc:mysql://localhost:3306/lms";
            String Username = "root";
            String pass = "root1234567";

            Connection con = DriverManager.getConnection(JdbcURL, Username, pass);
            System.out.println("Connected to MySQL database");
        }
    }
});

```

```

        String query = "UPDATE lms.emp_phone set phone_no=? where
emp_id=?;"

        PreparedStatement st = con.prepareStatement(query);

        long phone_no = Long.parseLong(textFieldNewPhNo.getText());

        st.setLong(1,phone_no);

        String emp_id = textFieldEmpld.getText();

        st.setString(2,emp_id);

        st.executeUpdate();

        con.close();

    }catch(Exception e1){ System.out.println(e1);

}

JOptionPane.showMessageDialog(null,"Phone Number updated");

}

};

}

}

```

```

ViewEmployee:

package LEAVE_MANAGEMENT_SYSTEM;

import java.awt.EventQueue;

import javax.swing.JFrame;

import java.awt.Color;

import javax.swing.JPanel;

import javax.swing.JLabel;

import java.awt.Rectangle;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.Font;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.Cursor;

```

```
public class ViewEmployee {  
  
    private JFrame frame;  
    private JTextField textField;  
  
    /**  
     * Launch the application.  
     */  
    public void view() {  
        EventQueue.invokeLater(new Runnable() {  
            public void run() {  
                try {  
                    ViewEmployee window = new ViewEmployee();  
                    window.frame.setLocationRelativeTo(null);  
                    window.frame.setVisible(true);  
                } catch (Exception e) {  
                    e.printStackTrace();  
                }  
            }  
        });  
    }  
  
    /**  
     * Create the application.  
     */  
    public ViewEmployee() {  
        initialize();  
    }  
  
    /**  
     * Initialize the contents of the frame.  
     */  
    private void initialize() {
```

```
frame = new JFrame();
frame.getContentPane().setBackground(Color.BLACK);
frame.setBounds(100, 100, 526, 384);
frame.setUndecorated(true);
frame.getContentPane().setLayout(null);
frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
frame.getContentPane().setLayout(null);

JLabel lblNewLabel = new JLabel("Enter emp_id");
lblNewLabel.setBackground(new Color(245, 255, 250));
lblNewLabel.setForeground(Color.WHITE);
lblNewLabel.setFont(new Font("Monotype Corsiva", Font.ITALIC, 40));
lblNewLabel.setBounds(163, 123, 207, 56);
frame.getContentPane().add(lblNewLabel);

textField = new JTextField();
textField.setBounds(146, 189, 242, 47);
frame.getContentPane().add(textField);
textField.setColumns(10);

JButton button = new JButton("SUBMIT");
button.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
button.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        Table_view obj=new Table_view();
        //Table_view.disp();
        obj.disp();
    }
});

button.setForeground(Color.BLUE);
button.setFont(new Font("Copperplate Gothic Bold", Font.BOLD, 20));
button.setBackground(Color.CYAN);
button.setBounds(194, 308, 158, 46);
frame.getContentPane().add(button);
```

```
JPanel panel_1 = new JPanel();
panel_1.setBackground(Color.BLUE);
panel_1.setBounds(10, 67, 506, 307);
frame.getContentPane().add(panel_1);

JLabel lblViewEmployee = new JLabel("View Employee");
frame.getContentPane().add(lblViewEmployee);
lblViewEmployee.setFont(new Font("Monotype Corsiva", Font.BOLD, 40));
lblViewEmployee.setBounds(new Rectangle(146, 11, 242, 46));
lblViewEmployee.setBackground(new Color(245, 255, 250));


JLabel lblcancel = new JLabel("X");
lblcancel.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblcancel.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        System.exit(0);
    }
});

frame.getContentPane().add(lblcancel);
lblcancel.setForeground(Color.BLACK);
lblcancel.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblcancel.setBounds(new Rectangle(474, 21, 25, 36));
lblcancel.setBackground(Color.BLACK);

JLabel lblminimize = new JLabel("-");
lblminimize.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblminimize.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        frame.setState(JFrame.ICONIFIED);
    }
});

frame.getContentPane().add(lblminimize);
```

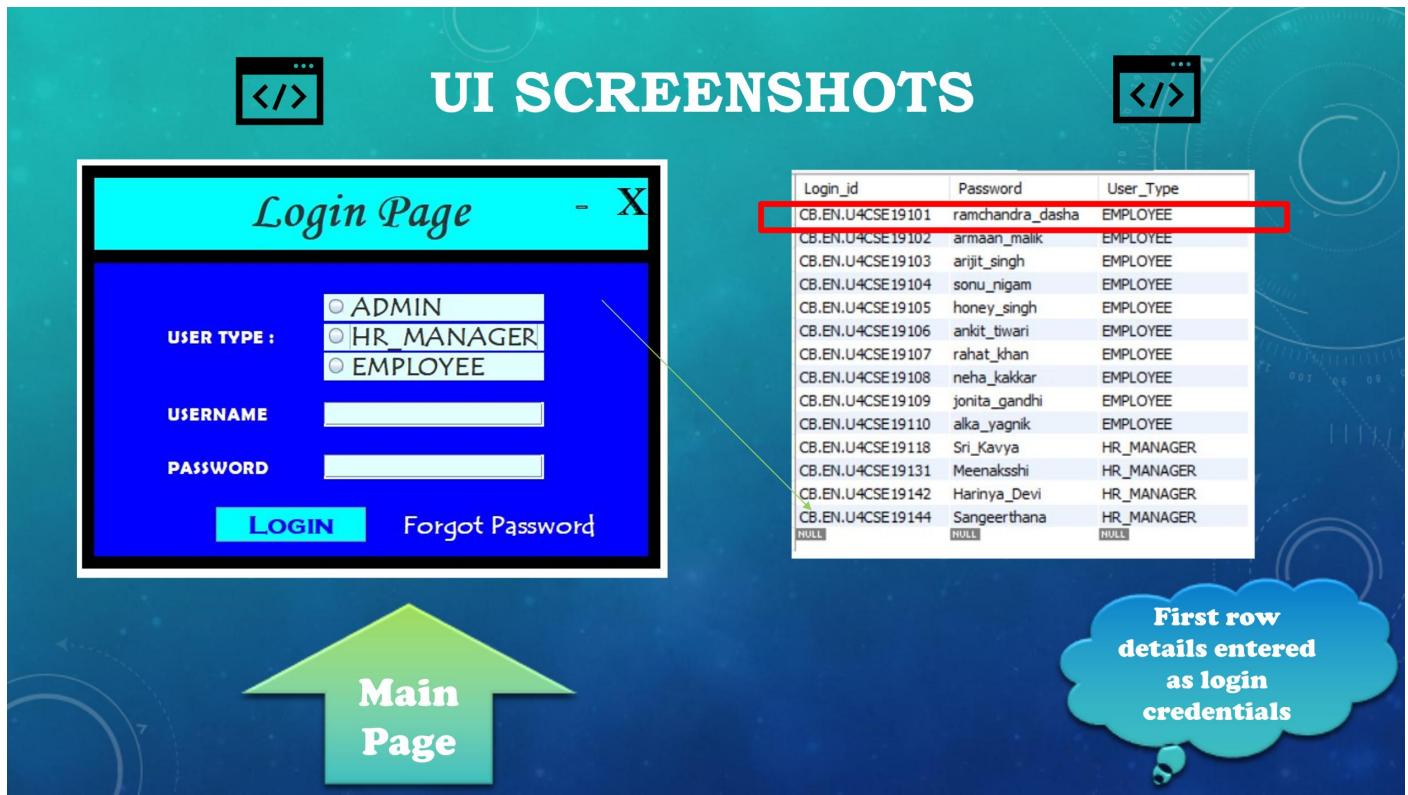
```

lblminimize.setForeground(Color.BLACK);
lblminimize.setFont(new Font("Imprint MT Shadow", Font.BOLD, 30));
lblminimize.setBounds(new Rectangle(452, 21, 12, 36));
lblminimize.setBackground(Color.BLACK);
JPanel panel = new JPanel();
panel.setBackground(Color.CYAN);
panel.setBounds(10, 10, 506, 47);
frame.getContentPane().add(panel);

}
}

```

OUTPUT SCREENSHOTS:





UI SCREENSHOTS



Login Page

USER TYPE :
 ADMIN
 HR MANAGER
 EMPLOYEE
USERNAME : CB.EN.U4CSE19101
PASSWORD :

LOGIN

Forgot Password

Login is clicked

Dashboard

Message
 Login Successful
OK

Apply leave

View leave History

User type, Username and
Password are verified
(compared with the DB)



UI SCREENSHOTS



Dashboard

CB.EN.U4CSE19101
Update Profile
Apply leave
View leave History

Username is displayed in the Dashboard

Reset Password

CB.EN.U4CSE19101
NEW PASSWORD :
RETYPE PASSWORD :
SAVE

UPDATE PROFILE IS
CLICKED
THE USER CAN RESET
HIS/HER PASSWORD



UI SCREENSHOTS



Reset Password - X

CB.EN.U4CSE19101

NEW PASSWORD : (*****)

RETYPE PASSWORD : (*****)

SAVE

Reset Password - X

CB.EN.U4CSE19101

Message

NEW PA **Password Changed**

RETYPE

OK

SAVE

Password
entered is
“hello”

Since New Password and
Retype password
matches, Password is
updated in the DB



UI SCREENSHOTS



Login_id	Password	User_Type
CB.EN.U4CSE19101	hello	EMPLOYEE
CB.EN.U4CSE19102	armaan_malik	EMPLOYEE
CB.EN.U4CSE19103	ajit_singh	EMPLOYEE
CB.EN.U4CSE19104	sonu_nigam	EMPLOYEE
CB.EN.U4CSE19105	honey_singh	EMPLOYEE
CB.EN.U4CSE19106	ankit_tiwari	EMPLOYEE
CB.EN.U4CSE19107	rahat_khan	EMPLOYEE
CB.EN.U4CSE19108	neha_kakkar	EMPLOYEE
CB.EN.U4CSE19109	jonita_gandhi	EMPLOYEE
CB.EN.U4CSE19110	alka_yagnik	EMPLOYEE

Password
updated
successfully

Reset Password - X

CB.EN.U4CSE19101

NEW PASSWORD : (*****)

RETYPE PASSWORD : (*****)

SAVE

IF BOTH THE
PASSWORDS
DOESN'T MATCH

UI SCREENSHOTS



Appropriate message is displayed

Login_id	Password	User_Type
CB.EN.U4CSE19101	ramchandra_dasha	EMPLOYEE
CB.EN.U4CSE19102	armaan_malik	EMPLOYEE
CB.EN.U4CSE19103	arijit_singh	EMPLOYEE
CB.EN.U4CSE19104	sonu_nigam	EMPLOYEE
CB.EN.U4CSE19105	honey_singh	EMPLOYEE
CB.EN.U4CSE19106	ankit_tiwari	EMPLOYEE
CB.EN.U4CSE19107	rahat_khan	EMPLOYEE
CB.EN.U4CSE19108	neha_kakkar	EMPLOYEE
CB.EN.U4CSE19109	jonita_gandhi	EMPLOYEE
CB.EN.U4CSE19110	alka_yagnik	EMPLOYEE
CB.EN.U4CSE19118	Sri_Kavya	HR_MANAGER
CB.EN.U4CSE19131	Meenakshi	HR_MANAGER
CB.EN.U4CSE19142	Harinya_Devi	HR_MANAGER
CB.EN.U4CSE19144	Sangeetha	HR_MANAGER
NULL	NULL	NULL

PASSWORD IS NOT UPDATED IN THE DB!!!

UI SCREENSHOTS



IF THE EMPLOYEE WANTS TO APPLY FOR A LEAVE...



UI SCREENSHOTS



Enter Leave Details - X

Leave Type: Earned leave

No of days: Message

Start date:

End date:

Reason:

CANCEL **SUBMIT**

Message: No. of Leaves taken : 2
You can apply 3 more leaves for this month

Enter Leave Details - X

Leave Type: Earned leave

No of days: Earned leave

Start date: Casual leave

End date: Medical leave

Reason: Half-pay leave

CANCEL

Earned leave
Casual leave
Medical leave
Half-pay leave
Maternity leave
Marriage leave
Vacation leave
Sabbatical leave

Leave balance is notified to the user

The user can't apply for a leave when his leave balance = 0 for that month

Employee can choose the type of leave from drop down menu



UI SCREENSHOTS



Enter Leave Details - X

Leave Type: Medical leave

No of days:

Start date: 02-Dec-2020

End date: 09-Dec-2020

Reason:

CANCEL

Jcalendar jar file is downloaded and imported to use JdateChooser

Enter Leave Details - X

Leave Type: Medical leave

No of days:

Start date: 02-Dec-2020

End date: 09-Dec-2020

Reason:

CANCEL



UI SCREENSHOTS



Enter Leave Details - X

Leave Type	Medical leave
No of days	<input type="range" value="5"/>
Start date	02-Dec-2020
End date	09-Dec-2020
Reason	health issues
CANCEL	
SUBMIT	

Enter Leave Details - X

Leave Type	Medical leave
No of days	<input type="range" value="5"/>
Start date	02-Dec-2020
End date	09-Dec-2020
Reason	health issues
CANCEL	
SUBMIT	

Message
 Leave request sent!!
 OK

Slider is used to input the number of days.

Min : 1
Max : 10

A message is sent to the HR Manager



UI SCREENSHOTS



leave_id	leave_type	start_date	end_date	reason	status	admin_feedback	date_of_feedback
LCH01	Casual leave	2020-01-15	2020-01-16	Break from work	Accepted	Reason valid	2020-01-14
LEE01	Earned leave	2020-01-25	2020-01-27	Family function	Accepted	Reason valid	2020-01-24
LLP01	Lockdown leave	2020-01-07	2020-01-27	Lockdown in residing area	Not accepted	Work from home granted	2020-01-08
LMD01	Medical leave	2020-01-03	2020-01-06	Health issues	Accepted	Reason valid	2020-01-03
LME04	Medical leave	2020-01-11	2020-01-23	Health reasons	Accepted	Reason valid	2020-01-10
LMH01	Marriage leave	2020-01-22	2020-01-25	Marriage	Accepted	Reason valid	2020-01-20
LVE02	Vacation leave	2020-01-10	2020-01-20	Foreign Vacation	Not accepted	Long break	2020-01-09
LVE05	Medical leave	2020-11-18	2020-11-23	Admitted in hospital	Accepted	Reason valid	2020-11-30
LVE06	Casual leave	2020-11-10	2020-11-16	Public Holiday	Accepted	Reason valid	2020-11-30
LVE07	Marriage leave	2020-11-16	2020-11-26	Marriage	PENDING	NULL	NULL
LVE08	Marriage leave	2020-11-19	2020-11-26	Marriage leave	PENDING	NULL	NULL
LVE09	Medical leave	2020-12-02	2020-12-09	health issues	PENDING	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Leave details updated in the DataBase in MYSQL

Status is set to "PENDING" by default until the HR Manager approves/rejects the leave



UI SCREENSHOTS



Dashboard - X

CB.EN.U4CSE19101

Update Profile

Apply leave

View leave History

IF THE EMPLOYEE
WANTS TO VIEW
HIS/HER LEAVE
HISTORY..



UI SCREENSHOTS



Leave History - X

leave_id	leave_type	start_date	end_date	reason	status	admin_feedback	date_of_feedback
LCH01	Casual leave	2020-01-15	2020-01-16	Break from w...	Accepted	Reason valid	2020-01-14
LEE01	Earned leave	2020-01-25	2020-01-27	Family function	Accepted	Reason valid	2020-01-24
LLP01	Lockdown lea...	2020-01-07	2020-01-27	Lockdown in r...	Not accepted	Work from ho...	2020-01-08
LMD01	Medical leave	2020-01-03	2020-01-06	Health issues	Accepted	Reason valid	2020-01-03
LME04	Medical leave	2020-01-11	2020-01-23	Health reasons	Accepted	Reason valid	2020-01-10
LMH01	Marriage leave	2020-01-22	2020-01-25	Marriage	Accepted	Reason valid	2020-01-20
LVE02	Vacation leave	2020-01-10	2020-01-20	Foreign Vacati...	Not accepted	Long break	2020-01-09
LVE05	Medical leave	2020-11-18	2020-11-23	Admitted in ho...	Accepted	Reason valid	2020-11-30
LVE06	Casual leave	2020-11-10	2020-11-16	Public Holiday	Accepted	Reason valid	2020-11-30
LVE07	Marriage leave	2020-11-16	2020-11-26	Marriage	PENDING		
LVE08	Marriage leave	2020-11-19	2020-11-26	Marriage leave	PENDING		
LVE09	Medical leave	2020-12-02	2020-12-09	health issues	PENDING		

ALL DETAILS ARE RETRIEVED
FROM THE DATABASE AND
DISPLAYED TO THE EMPLOYEE

UI SCREENSHOTS



`</>`

`</>`

Login_id	Password	User_Type
CB.EN.U4CSE19101	ramchandra_dasha	EMPLOYEE
CB.EN.U4CSE19102	armaan_malik	EMPLOYEE
CB.EN.U4CSE19103	arjit_singh	EMPLOYEE
CB.EN.U4CSE19104	sonu_nigam	EMPLOYEE
CB.EN.U4CSE19105	honey_singh	EMPLOYEE
CB.EN.U4CSE19106	ankit_twari	EMPLOYEE
CB.EN.U4CSE19107	rahat_khan	EMPLOYEE
CB.EN.U4CSE19108	neha_kakkar	EMPLOYEE
CB.EN.U4CSE19109	jonita_gandhi	EMPLOYEE
CB.EN.U4CSE19110	alka_yagnik	EMPLOYEE
CB.EN.U4CSE19118	Sri Kavya	HR_MANAGER
CB.EN.U4CSE19131	Meenakshi	HR_MANAGER
CB.EN.U4CSE19142	Harinya_Devi	HR_MANAGER
CB.EN.U4CSE19144	Sangeerthana	HR_MANAGER
HULL	HULL	HULL

These details
are entered as
**login
credentials**

`</>`

Login Page

USER TYPE :

 ADMIN
 HR_MANAGER
 EMPLOYEE

USERNAME

PASSWORD

LOGIN
Forgot Password

UI SCREENSHOTS



`</>`

`</>`

User type, Username and Password are verified
(compared with the DB)

`</>`

Dashboard HR Manager

leave_id	leave_type	start_date	end_date	reason	status	admin_feedback	date_of_feedback
LVE07	Marriage leave	2020-11-16	2020-11-26	Marriage	PENDING		
LVE08	Marriage leave	2020-11-19	2020-11-26	Marriage leave	PENDING		
LVE09	Medical leave	2020-					

LEAVE ID :

Message

i Login Successful

OK

STATUS :

FEEDBACK :

SAVE



UI SCREENSHOTS



Dashboard HR Manager

- X

leave_id	leave_type	start_date	end_date	reason	status	admin_feedback	date_of_feedback
LVE07	Marriage leave	2020-11-16	2020-11-26	Marriage	PENDING		
LVE08	Marriage leave	2020-11-19	2020-11-26	Marriage leave	PENDING		
LVE09	Medical leave	2020-12-02	2020-12-09	health issues	PENDING		

LEAVE ID : LVE09

FEEDBACK :

STATUS : ACCEPTED

REASON VALID

SAVE

HR manager enters the corresponding leave id and updates the status



UI SCREENSHOTS



Dashboard HR Manager

- X

leave_id	leave_type	start_date	end_date	reason	status	admin_feedback	date_of_feedback
LVE07	Marriage leave	2020-11-16	2020-11-26	Marriage	PENDING		
LVE08	Marriage leave	2020-11-19	2020-11-26	Marriage leave	PENDING		
LVE09	Medical leave	2020-12-02	2020-12-09	health issues	PENDING		

LEAVE ID : LVE09

Message

i Feedback sent

FEEDBACK :

OK

STATUS : ACCEPTED

REASON VALID

SAVE

Details will be updated in the DB

UI SCREENSHOTS

leave_id	leave_type	start_date	end_date	reason	status	admin_feedback	date_of_feedback
LCH01	Casual leave	2020-01-15	2020-01-16	Break from work	Accepted	Reason valid	2020-01-14
LEE01	Earned leave	2020-01-25	2020-01-27	Family function	Accepted	Reason valid	2020-01-24
LLP01	Lockdown leave	2020-01-07	2020-01-27	Lockdown in residing area	Not accepted	Work from home granted	2020-01-08
LMD01	Medical leave	2020-01-03	2020-01-06	Health issues	Accepted	Reason valid	2020-01-03
LME04	Medical leave	2020-01-11	2020-01-23	Health reasons	Accepted	Reason valid	2020-01-10
LMH01	Marriage leave	2020-01-22	2020-01-25	Marriage	Accepted	Reason valid	2020-01-20
LVE02	Vacation leave	2020-01-10	2020-01-20	Foreign Vacation	Not accepted	Long break	2020-01-09
LVE05	Medical leave	2020-11-18	2020-11-23	Admitted in hospital	Accepted	Reason valid	2020-11-30
LVE06	Casual leave	2020-11-10	2020-11-16	Public Holiday	Accepted	Reason valid	2020-11-30
LVE07	Marriage leave	2020-11-16	2020-11-26	Marriage	PENDING	NULL	NULL
LVE08	Marriage leave	2020-11-19	2020-11-26	Marriage leave	PENDING	NULL	NULL
LVE09	Medical leave	2020-12-02	2020-12-09	health issues	Accepted	Reason valid	2020-11-30
HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL

Leave details updated in the DataBase
in MYSQL

Status is set to "ACCEPTED"
and the date_of_feedback will
be set automatically to the
current date

UI SCREENSHOTS

Login Page - X

USER TYPE :

ADMIN
 HR_MANAGER
 EMPLOYEE

USERNAME

PASSWORD

LOGIN [Forgot Password](#)

If invalid
credentials
are entered :

Login Page - X

USER TYPE :

ADMIN
 HR_MANAGER
 EMPLOYEE

USERNAME

PASSWORD

LOGIN [Forgot Password](#)

Message

Invalid username/password

OK

Appropriate
message is
displayed



UI SCREENSHOTS



Login Page - X

USER TYPE : ADMIN
 HR_MANAGER
 EMPLOYEE

USERNAME : CB.EN.U4CSE19108

PASSWORD :

LOGIN [Forgot Password](#)

IF THE USER FORGETS HIS/HER
PASSWORD ...

Reset Password - X

CB.EN.U4CSE19108

NEW PASSWORD :

RETYPE PASSWORD :

SAVE

THE USER CAN RESET
HIS/HER PASSWORD



UI SCREENSHOTS



Reset Password - X

CB.EN.U4CSE19108

NEW PASSWORD :

RETYPE PASSWORD :

SAVE

NEW PASSWORD :
RETYPE PASSWORD :

SAVE

Password
entered is
“HELLO”

Reset Password - X

CB.EN.U4CSE19108

Message

NEW P...
RETYPE P...

OK

SAVE

Since New Password and
Retype password
matches, Password is
updated in the DB



UI SCREENSHOTS



Login_id	Password	User_Type
CB.EN.U4CSE19101	ramchandra_dasha	EMPLOYEE
CB.EN.U4CSE19102	armaan_malik	EMPLOYEE
CB.EN.U4CSE19103	arijit_singh	EMPLOYEE
CB.EN.U4CSE19104	sonu_nigam	EMPLOYEE
CB.EN.U4CSE19105	honey_singh	EMPLOYEE
CB.EN.U4CSE19106	ankit_tiwari	EMPLOYEE
CB.EN.U4CSE19107	rahat_khan	EMPLOYEE
CB.EN.U4CSE19108	HELLO	EMPLOYEE
CB.EN.U4CSE19109	jonita_gandhi	EMPLOYEE
CB.EN.U4CSE19110	alka_yagnik	EMPLOYEE
CB.EN.U4CSE19118	Sri_Kavya	HR_MANAGER
CB.EN.U4CSE19131	Meenakshi	HR_MANAGER
CB.EN.U4CSE19142	Harinya_Devi	HR_MANAGER
CB.EN.U4CSE19144	Sangeerthana	HR_MANAGER
NULL	NULL	NULL

Password is updated
successfully



UI SCREENSHOTS



Login_id	Password	User_Type
CB.EN.U4CSE19101	ramchandra_dasha	EMPLOYEE
CB.EN.U4CSE19102	armaan_malik	EMPLOYEE
CB.EN.U4CSE19103	arijit_singh	EMPLOYEE
CB.EN.U4CSE19104	sonu_nigam	EMPLOYEE
CB.EN.U4CSE19105	honey_singh	EMPLOYEE
CB.EN.U4CSE19106	ankit_tiwari	EMPLOYEE
CB.EN.U4CSE19107	rahat_khan	EMPLOYEE
CB.EN.U4CSE19108	neha_kakkar	EMPLOYEE
CB.EN.U4CSE19109	jonita_gandhi	EMPLOYEE
CB.EN.U4CSE19110	alka_yagnik	EMPLOYEE
CB.EN.U4CSE19118	Sri_Kavya	HR_MANAGER
CB.EN.U4CSE19131	Meenakshi	ADMIN
CB.EN.U4CSE19142	Harinya_Devi	ADMIN
CB.EN.U4CSE19144	Sangeerthana	HR_MANAGER
NULL	NULL	NULL

These details
are entered as
login
credentials

SYSYTEM
ADMIN LOGS
IN INTO
HIS/HER
ACCOUNT

Login Page

USER TYPE : ADMIN HR_MANAGER EMPLOYEE

USERNAME : CB.EN.U4CSE19131

PASSWORD : ••••••••••••

LOGIN [Forgot Password](#)

UI SCREENSHOTS



User type, Username and Password are verified (compared with the DB)

UI SCREENSHOTS

emp_id	first_name	middle_name	last_name	gender	job_code	dob	door_no	street_name	marital_status	no_of_days_worked	dept_code	pincode	payroll_id	dept_name	designation	logi
A1102	Neha	A	Kakkar	F	M111	1993-02-23	113	Shree Avenue	N	29	AM101	560025	NK101	Administration	Manager	CB,E
D1101	Sonu	T	Nigam	M	D111	1985-04-11	78	Avenue Street	N	24	HR101	500040	SN101	HR	Developer	CB,E
E1101	Armaan	B	Malik	M	E111	1992-06-02	65	Brigade Road	N	26	MR101	600018	AR101	Marketing	Executive	CB,E
E1102	Ankit	T	Tiwari	M	E111	1990-12-15	37	Abids Street	N	30	FI101	641024	AT101	Finance	Executive	CB,E
E1103	Rahat	Fateh	Khan	M	E111	1989-08-19	28	Nizam Avenue	Y	28	MR101	600018	RK101	Marketing	Executive	CB,E
E1104	Alka	Yag	Yagnik	F	E111	1987-06-18	87	Prince Layout	N	28	FI101	682011	AY101	Finance	Executive	CB,E
H1101	Jonita	P	Gandhi	F	D111	1988-02-05	145	Infopark Layout	Y	22	HR101	500040	JG101	HR	Developer	CB,E
M1101	Honey	Yo	Singh	M	M111	1992-11-30	12	Residency Road	Y	28	AM101	682011	HS101	Administration	Manager	CB,E
P1101	Ram	Chandra	Anand	M	P111	1990-01-01	20	Ayodhya Street	Y	25	PR101	641024	RC101	Production	Programmer	CB,E
S1101	Arijit	Sanu	Singh	M	S111	1989-03-26	118	Chidpet Street	Y	25	AM101	560025	AS101	Administration	System admin	CB,E
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL									

**Before entering details
of new employee**

**10
ROWS!!**

UI SCREENSHOTS

Create Employee Record

Emp id	A1101	Payroll id	AB101
First Name	Albert	Job code	D111
Middle Name	Hermann	Dept code	HR101
Last Name	Einstein	Designation	Developer
Gender	<input checked="" type="radio"/> M <input type="radio"/> F	Login id	B.EN.U4CSE19170
DOB	14-May-1998	Dept Name	HR
Marital Status	Y	Enter 'Y' for married or 'N' for unmarried	
Address:			
Door No	112	Street Name	Mercer Street
Pincode	641024	Cancel Submit	

UI SCREENSHOTS

Create Employee Record

Emp id	A1101	Payroll id	AB101
First Name	Albert	Job code	D111
Middle Name	Hermann	Dept code	HR101
Last Name	Einstein	Designation	Developer
Gender	<input checked="" type="radio"/> M <input type="radio"/> F	Login id	B.EN.U4CSE19170
DOB	14-May-1998	Dept Name	HR
Marital Status	Y	Message New Employee Record Created	
Address:			
Door No	112	Street Name	Mercer Street
Pincode	641024	Cancel Submit	

UI SCREENSHOTS

emp_id	first_name	middle_name	last_name	gender	job_code	dob	door_no	street_name	marital_status	no_of_days_worked	dept_code	pincode	payroll_id	dept_name	designation	login
A1101	Albert	Hermann	Einstein	M	D111	1998-05-14	112	Mercer Street	Y	0	HR101	641024	AB101	HR	Developer	CB.EN
A1102	Neha	A	Kakkar	F	M111	1993-02-23	113	Shree Avenue	N	29	AM101	560025	NK101	Administration	Manager	CB.EN
D1101	Sonu	T	Nigam	M	D111	1985-04-11	78	Avenue Street	N	24	HR101	500040	SN101	HR	Developer	CB.EN
E1101	Armaan	B	Malik	M	E111	1992-06-02	65	Brigade Road	N	26	MR101	600018	AR101	Marketing	Executive	CB.EN
E1102	Ankit	T	Tiwari	M	E111	1990-12-15	37	Abids Street	N	30	FI101	641024	AT101	Finance	Executive	CB.EN
E1103	Rahat	Fateh	Khan	M	E111	1989-08-19	28	Nizam Avenue	Y	28	MR101	600018	RK101	Marketing	Executive	CB.EN
E1104	Alka	Yag	Yagnik	F	E111	1987-06-18	87	Prince Layout	N	28	FI101	682011	AY101	Finance	Executive	CB.EN
H1101	Jonita	P	Gandhi	F	D111	1988-02-05	145	Infopark Layout	Y	22	HR101	500040	JG101	HR	Developer	CB.EN
M1101	Honey	Yo	Singh	M	M111	1992-11-30	12	Residency Road	Y	28	AM101	682011	HS101	Administration	Manager	CB.EN
P1101	Ram	Chandra	Anand	M	P111	1990-01-01	20	Ayodhya Street	Y	25	PR101	641024	RC101	Production	Programmer	CB.EN
S1101	Arjit	Sanu	Singh	M	S111	1989-03-26	118	Chickpet Street	Y	25	AM101	560025	AS101	Administration	System admin	CB.EN
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Details of new employee
is inserted as a separate
row in the DB

11
ROWS!!

UI SCREENSHOTS



IF THE ADMIN
WANTS TO DELETE
THE DETAILS OF AN
EMPLOYEE FROM THE
DB



UI SCREENSHOTS



Delete Employee - X

Enter emp_id

SUBMIT

Delete Employee - X

Enter emn_id

Message

Employee info deleted

OK

SUBMIT



UI SCREENSHOTS



emp_id	first_name	middle_name	last_name	gender	job_code	dob	door_no	street_name	marital_status	no_of_days_worked	dept_code	pincode	payroll_id	dept_name	designation	logi
A1102	Neha	A	Kakkar	F	M111	1993-02-23	113	Shree Avenue	N	29	AM101	560025	NK101	Administration	Manager	CB,E
D1101	Sonu	T	Nigam	M	D111	1985-04-11	78	Avenue Street	N	24	HR101	500040	SN101	HR	Developer	CB,E
E1101	Armaan	B	Malik	M	E111	1992-06-02	65	Brigade Road	N	26	MR101	600018	AR101	Marketing	Executive	CB,E
E1102	Ankit	T	Tiwari	M	E111	1990-12-15	37	Abids Street	N	30	FI101	641024	AT101	Finance	Executive	CB,E
E1103	Rahat	Fateh	Khan	M	E111	1989-08-19	28	Nizam Avenue	Y	28	MR101	600018	RK101	Marketing	Executive	CB,E
E1104	Alka	Yag	Yagnik	F	E111	1987-06-18	87	Prince Layout	N	28	FI101	682011	AY101	Finance	Executive	CB,E
H1101	Jonita	P	Gandhi	F	D111	1988-02-05	145	Infopark Layout	Y	22	HR101	500040	JG101	HR	Developer	CB,E
M1101	Honey	Yo	Singh	M	M111	1992-11-30	12	Residency Road	Y	28	AM101	682011	HS101	Administration	Manager	CB,E
P1101	Ram	Chandra	Anand	M	P111	1990-01-01	20	Ayodhya Street	Y	25	PR101	641024	RC101	Production	Programmer	CB,E
S1101	Arijit	Sanu	Singh	M	S111	1989-03-26	118	Chidpet Street	Y	25	AM101	560025	AS101	Administration	System admin	CB,E
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Details of employee is
DELETED from the DB

10
ROWS!!



UI SCREENSHOTS



System Admin - X

CREATE EMPLOYEE

VIEW EMPLOYEE

UPDATE EMPLOYEE

DELETE EMPLOYEE

The 'VIEW EMPLOYEE' button is highlighted with a red border.

View Employee - X

Enter emp_id

A1102

SUBMIT



UI SCREENSHOTS



Employee Table - X

emp_id	first_name	middle_name	last_name	gender	job_code	dob	door_no	street_name	marital_status	no_of_days_w...	dept_code	pincode	payroll_id	dept_name	designation	login_id
A1102	Neha	A	Kakkar	F	M111	1993-02-23	113	Shree Avenue	N	29	AM101	560025	NK101	Administration	Manager	ICB.EN.U4CS.

Details of employee is retrieved from the DB and displayed



UI SCREENSHOTS



System Admin - X

CREATE EMPLOYEE

VIEW EMPLOYEE

UPDATE EMPLOYEE

DELETE EMPLOYEE

The 'UPDATE EMPLOYEE' button is highlighted with a red border.

Update Employee Record - X

You can update the following details only.
Which one do you want to update?

Address

Mail ID

Phone number

Next



UI SCREENSHOTS



emp_id	first_name	middle_name	last_name	gender	job_code	dob	door_no	street_name	marital_status	no_of_days_worked	dept_code	pincode	payroll_id	dept_name	designation	login
A1102	Neha	A	Kalkkar	F	M111	1993-02-23	113	Shree Avenue	N	29	AM101	560025	NK101	Administration	Manager	CB,E
D1101	Sonu	T	Nigam	M	D111	1985-04-11	78	Avenue Street	N	24	HR101	500040	SN101	HR	Developer	CB,E
E1101	Armaan	B	Malik	M	E111	1992-06-02	65	Brigade Road	N	26	MR101	600018	AR101	Marketing	Executive	CB,E
E1102	Ankit	T	Tiwari	M	E111	1990-12-15	37	Abids Street	N	30	FI101	641024	AT101	Finance	Executive	CB,E
E1103	Rahat	Fateh	Khan	M	E111	1989-08-19	28	Nizam Avenue	Y	28	MR101	600018	RK101	Marketing	Executive	CB,E
E1104	Alka	Yag	Yagnik	F	E111	1987-06-18	87	Prince Layout	N	28	FI101	682011	AY101	Finance	Executive	CB,E
H1101	Jonita	P	Gandhi	F	D111	1988-02-05	145	Infopark Layout	Y	22	HR101	500040	JG101	HR	Developer	CB,E
M1101	Honey	Yo	Sindhu	M	M111	1992-11-30	12	Residency Road	Y	28	AM101	582011	HS101	Administration	Manager	CB,E
P1101	Ram	Chandra	Anand	M	P111	1990-01-01	20	Ayodhya Street	Y	25	PR101	641024	RC101	Production	Programmer	CB,E
S1101	Arjnt	Sanu	Singh	M	S111	1989-03-26	118	Chikpet Street	Y	25	AM101	560025	AS101	Administration	System admin	CB,E
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Before updating the employee's address



UI SCREENSHOTS



Update Employee Record - X

You can update the following details only.
Which one do you want to update?

- Address
- Mail ID
- Phone number

Next

Update Address - X

Employee ID	P1101
Door No	32
Street Name	Mithila Street
Pincode	682011

Cancel **Submit**



UI SCREENSHOTS



emp_id	first_name	middle_name	last_name	gender	job_code	dob	door_no	street_name	marital_status	no_of_days_worked	dept_code	pincode	payroll_id	dept_name	designation	logi
A1102	Neha	A	Kakkar	F	M111	1993-02-23	113	Shree Avenue	N	29	AM101	560025	NK101	Administration	Manager	C8.E
D1101	Sonu	T	Nigam	M	D111	1985-04-11	78	Avenue Street	N	24	HR101	500040	SN101	HR	Developer	C8.E
E1101	Armaan	B	Malik	M	E111	1992-06-02	65	Brigade Road	N	26	MR101	600018	AR101	Marketing	Executive	C8.E
E1102	Ankit	T	Tiwari	M	E111	1990-12-15	37	Abids Street	N	30	FI101	641024	AT101	Finance	Executive	C8.E
E1103	Rahat	Fateh	Khan	M	E111	1989-08-19	28	Nizam Avenue	Y	28	MR101	600018	RK101	Marketing	Executive	C8.E
E1104	Alka	Yag	Yagnik	F	E111	1987-06-18	87	Prince Layout	N	28	FI101	682011	AY101	Finance	Executive	C8.E
H1101	Jonita	P	Gandhi	F	D111	1988-02-05	145	Infopark Layout	Y	22	HR101	500040	JG101	HR	Developer	C8.E
M1101	Honey	Yo	Singh	M	M111	1992-11-30	12	Residency Road	Y	28	AM101	682011	HS101	Administration	Manager	C8.E
P1101	Ram	Chandra	Anand	M	P111	1990-01-01	32	Mithila Street	Y	25	PR101	682011	RC101	Production	Programmer	C8.E
S1101	Arjit	Sanu	Singh	M	S111	1989-03-26	118	Chikpet Street	Y	25	AM101	560025	AS101	Administration	System admin	C8.E
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

After updating the
employee's address



UI SCREENSHOTS



Before updating the employee's mail id

Update Mail Id

Employee ID

S1101

New Mail Id

arijitsanu@gmail.com

Cancel

Submit

Update Mail Id

Employee ID

S1101

New Mail Id

arijitsanu@gmail.com

Cancel

Submit

Message

Mail ID updated

OK



UI SCREENSHOTS



emp_id	mail_id
A1102	neha@gmail.com
D1101	sonunigam@gmail.com
E1101	armaan@gmail.com
E1102	ankit@gmail.com
E1103	rahatkhan@gmail.com
E1104	alka@gmail.com
H1101	jonita@gmail.com
M1101	honey@gmail.com
P1101	ramchadra@gmail.com
S1101	arijitsanu@gmail.com
NULL	NULL

After updating the employee's mail id



UI SCREENSHOTS



emp_id	phone_no
A1102	9173527950
D1101	9503857428
E1101	7596038277
E1102	7496392578
E1103	9218742900
E1104	7492929184
H1101	9485628890
M1101	9744264889
P1101	9876549309
S1101	8495739937
NULL	NULL

Before updating the employee's phone number

Update Employee Record - X

You can update the following details only.

Which one do you want to update?

Address

Mail ID

Phone number

Next



UI SCREENSHOTS



Update Phone No - X

Employee ID M1101

New Phone No 9344677915

Cancel **Submit**

Update Phone No - X

Empl Message X

New Phone Number updated OK

Cancel **Submit**



UI SCREENSHOTS



emp_id	phone_no
A1102	9173527950
D1101	9503857428
E1101	7596038277
E1102	7496392578
E1103	9218742900
E1104	7492929184
H1101	9485628890
M1101	9344677915
P1101	9876549309
S1101	8495739937
NULL	NULL

After updating the employee's phone number