EMPLOYEE
MANAGEMENT

A Project Work Report

Submitted in the partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

Cloud Computing

Submitted by:

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19bcs4047

Under the Supervision of:

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CHANDIGARH UNIVERSITY, GHARUAN, MOHALI - 140413, PUNJAB

December, 2020

Name and signature of student(s)
 Kunal Tanwar

Name and signature of Supervisor
 Mr. Yogesh Kumar

PROJECT COMPLETION CERTIFICATE

Project Title

This is to certify that the **_Kunal Tanwar_** has successfully completed the project work titled " **_Employee Management_** " *Submitted in the partial fulfilment for the award of the degree of* **BACHELOR OF ENGINEERING IN CLOUD COMPUTING**

This project is the record of authentic work carried out during the academic year

Mr.Yogesh Kumar

Project Guide

Date:

DECLARATION

I the undersigned solemnly declare that the project report is based on my own work carried out during the course of our study under the supervision of ***Mr.Yogesh Kumar***. I assert the statements made and conclusions drawn are an outcome of my work. I further certify that the work contained in the report is original and has been done by me under the general supervision of my supervisor.

II. The work has not been submitted to any other Institution for any other degree/diploma/certificate in this university or any other University of India or abroad.

III. We have followed the guidelines provided by the university in writing the report.

IV. Whenever we have used materials (data, theoretical analysis, and text) from other sources, we have given due credit to them in the text of the report and giving their details in the references.

Kunal Tanwar
19BCS4047

ACKNOWLEDGEMENT

I have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere thanks to all of them.

I am highly indebted to **_Mr. Yogesh Kumar_** for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.
I would like to express my gratitude towards my parents and my department for their kind co-operation and encouragement which help me in completion of this project.

THANKS AGAIN TO ALL WHO HELPED

INDEX

Introduction to Project

This project is basically designed for my company named "Kunal IT Solution" , in this software I can store the details of my employee and allow registered employee can use this software with a proper login interface.

In this project I made many UI where one is for the registration of the new employee and one for the **ADMIN only** to login and can check the details of the of any employee. And another one is for the employee who are registered in the company and want to delete and update their detail with a proper login page in which only the registered employee can login and change his/her detail.

Soon I am going to take it to the another level with more technology in it.

Project Requirements (Software/Hardware requirements)

- **Hardware:**
    1. Laptop
- **Software:**
    1. Netbeans IDE
    2. JDK (Java development kit)
    3. mysql Connector
    4. Xampp server
    5. phpMyAdmin

Implementation Details (Algorithm, code)

Algorithm to Run the Project :

- ❖ **Step1**: Firstly you will open the Netbeans IDE , start the XAMPP server.
- ❖ **Step2**: Then you just run the project.
- ❖ **Step3**: Then a splash screen with a WELCOME message will appear for few seconds.
- ❖ **Step4:** Then the HOME page will apprear and After that choose what ever you want and do as the function given .

Program Code:

❖ Registration1.java :

In this the red portion of the code is for the databse and java connectivity and adding the data to the database
And the black one is for designing.

```java
import java.awt.Image;
import java.sql.*;
import java.sql.DriverManager;
import javax.swing.JOptionPane;
import javax.swing.JTextField;


public class Registration1 extends javax.swing.JFrame {

  /**
   * Creates new form Registration1
   */
  public Registration1() {
    initComponents();
  }


  @SuppressWarnings("unchecked")
  // <editor-fold defaultstate="collapsed" desc="Generated Code">
  private void initComponents() {

    jPanel2 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    jTextField2 = new javax.swing.JTextField();
    jLabel5 = new javax.swing.JLabel();
    jTextField3 = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
```

```java
jScrollPane1 = new javax.swing.JScrollPane();
jTextArea1 = new javax.swing.JTextArea();
jLabel9 = new javax.swing.JLabel();
jRadioButton1 = new javax.swing.JRadioButton();
jRadioButton2 = new javax.swing.JRadioButton();
jButton1 = new javax.swing.JButton();
buttonGroup1 = new javax.swing.ButtonGroup();
jPanel1 = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();
jPanel3 = new javax.swing.JPanel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
name = new javax.swing.JTextField();
jLabel12 = new javax.swing.JLabel();
email = new javax.swing.JTextField();
jLabel13 = new javax.swing.JLabel();
mob = new javax.swing.JTextField();
jLabel16 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
jRadioButton3 = new javax.swing.JRadioButton();
jRadioButton4 = new javax.swing.JRadioButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jScrollPane3 = new javax.swing.JScrollPane();
address = new javax.swing.JTextPane();
jLabel18 = new javax.swing.JLabel();
jLabel19 = new javax.swing.JLabel();
dept = new javax.swing.JTextField();
dob = new com.toedter.calendar.JDateChooser();
jLabel14 = new javax.swing.JLabel();
uname1 = new javax.swing.JTextField();
jLabel15 = new javax.swing.JLabel();
pass1 = new javax.swing.JPasswordField();
jLabel20 = new javax.swing.JLabel();
marry = new javax.swing.JComboBox<>();
jLabel21 = new javax.swing.JLabel();
state = new javax.swing.JComboBox<>();
jLabel22 = new javax.swing.JLabel();
pin = new javax.swing.JTextField();

jPanel2.setBackground(new java.awt.Color(0, 204, 204));

jPanel2.setBorder(javax.swing.BorderFactory.createCompoundBorder(javax.swing.
BorderFactory.createMatteBorder(2, 2, 2, 2, new java.awt.Color(0, 0, 0)),
```

```java
        javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, new java.awt.Color(0, 0,
0))));

        jLabel2.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
        jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
        jLabel2.setText("EMPLOYEE REGISTRATION");

        jLabel3.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel3.setText("Name");

        jTextField1.addActionListener(new java.awt.event.ActionListener() {
          public void actionPerformed(java.awt.event.ActionEvent evt) {
            jTextField1ActionPerformed(evt);
          }
        });

        jLabel4.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel4.setText("Email");

        jTextField2.addActionListener(new java.awt.event.ActionListener() {
          public void actionPerformed(java.awt.event.ActionEvent evt) {
            jTextField2ActionPerformed(evt);
          }
        });

        jLabel5.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel5.setText("Mobile");


jLabel6.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.bord
er.BevelBorder.RAISED));

        jLabel7.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
        jLabel7.setText("Add Picture");

        jLabel8.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel8.setText("Address");

        jTextArea1.setColumns(20);
        jTextArea1.setRows(5);
        jScrollPane1.setViewportView(jTextArea1);

        jLabel9.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
```

```java
        jLabel9.setText("Gender");

        jRadioButton1.setText("Male");

        jRadioButton2.setText("Female");

        jButton1.setBackground(new java.awt.Color(0, 204, 204));
        jButton1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
        jButton1.setText("SUBMIT");
        jButton1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3,
new java.awt.Color(0, 0, 0)));

        javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(148, 148, 148)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
378, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(136, Short.MAX_VALUE))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(20, 20, 20)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jTextField2))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```java
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 155,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jTextField3)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addComponent(jLabel6,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jLabel7,
javax.swing.GroupLayout.DEFAULT_SIZE, 101, Short.MAX_VALUE))
            .addGap(103, 103, 103))
        .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.TRAILING, false)
                    .addComponent(jLabel9,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel8,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 108, Short.MAX_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
```

```java
                        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 206,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGroup(jPanel2Layout.createSequentialGroup()
                            .addComponent(jRadioButton1)
                            .addGap(47, 47, 47)
                            .addComponent(jRadioButton2))))
                    .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 128,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))))
    );
    jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
        .addGroup(jPanel2Layout.createSequentialGroup()
          .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
            .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addComponent(jLabel3,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jTextField1,
javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE))

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addGroup(jPanel2Layout.createSequentialGroup()
                  .addGap(20, 20, 20)
                  .addComponent(jLabel4))
                .addGroup(jPanel2Layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
                    .addComponent(jTextField2,
javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE))))
            .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addComponent(jLabel5,
javax.swing.GroupLayout.DEFAULT_SIZE, 35, Short.MAX_VALUE)
                .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
            .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(21, 21, 21)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
            .addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jRadioButton1)
            .addComponent(jRadioButton2))
        .addGap(31, 31, 31)
```

```java
                .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(58, Short.MAX_VALUE))
        );

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jPanel1.setBackground(new java.awt.Color(255, 204, 0));

jPanel1.setBorder(javax.swing.BorderFactory.createCompoundBorder(javax.swing.
BorderFactory.createMatteBorder(2, 2, 2, 2, new java.awt.Color(0, 0, 0)),
javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, new java.awt.Color(0, 0,
0))));

        jLabel1.setFont(new java.awt.Font("Century Schoolbook", 1, 24)); // NOI18N
        jLabel1.setText("KUNAL IT SOLUTION");

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
309, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        );
        jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
33, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(12, Short.MAX_VALUE))
        );

        jPanel3.setBackground(new java.awt.Color(0, 204, 204));
```

```java
jPanel3.setBorder(javax.swing.BorderFactory.createCompoundBorder(javax.swing.
BorderFactory.createMatteBorder(2, 2, 2, 2, new java.awt.Color(0, 0, 0)),
javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, new java.awt.Color(0, 0,
0))));

    jLabel10.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
    jLabel10.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel10.setText("EMPLOYEE REGISTRATION");

    jLabel11.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jLabel11.setText("Name");

    name.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        nameActionPerformed(evt);
      }
    });

    jLabel12.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jLabel12.setText("Email");

    email.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        emailActionPerformed(evt);
      }
    });

    jLabel13.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jLabel13.setText("Mobile");

    jLabel16.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jLabel16.setText("Address");

    jLabel17.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jLabel17.setText("Gender");

    buttonGroup1.add(jRadioButton3);
    jRadioButton3.setText("Male");
    jRadioButton3.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton3ActionPerformed(evt);
      }
    });
```

```java
        buttonGroup1.add(jRadioButton4);
        jRadioButton4.setText("Female");
        jRadioButton4.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jRadioButton4ActionPerformed(evt);
            }
        });

        jButton2.setBackground(new java.awt.Color(0, 204, 204));
        jButton2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jButton2.setText("SUBMIT");
        jButton2.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2,
new java.awt.Color(0, 0, 0)));
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });

        jButton3.setBackground(new java.awt.Color(0, 204, 204));
        jButton3.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jButton3.setText("HOME");
        jButton3.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2,
new java.awt.Color(0, 0, 0)));
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton3ActionPerformed(evt);
            }
        });

        jScrollPane3.setViewportView(address);

        jLabel18.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel18.setText("D.O.B");

        jLabel19.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel19.setText("Department");

        dob.setDateFormatString("yyyy,MM,dd ");

        jLabel14.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel14.setText("Username");
```

```java
        uname1.addActionListener(new java.awt.event.ActionListener() {
          public void actionPerformed(java.awt.event.ActionEvent evt) {
            uname1ActionPerformed(evt);
          }
        });

        jLabel15.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel15.setText("Password");

        jLabel20.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel20.setText("Marital status");

        marry.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Married", "Unmarried", " " }));

        jLabel21.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel21.setText("State");

        state.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Andhra Pradesh", "Arunachal Pradesh", "Assam", "Bihar", "Chhattisgarh",
"Goa", "Gujarat", "Haryana", "Himachal Pradesh", "Jharkhand", "Karnataka",
"Kerala", "Madhya Pradesh", "Maharashtra", "Manipur", "Meghalaya",
"Mizoram", "Nagaland", "Odisha", "Punjab", "Rajasthan", "Sikkim", "Tamil
Nadu", "Telangana", "Tripura", "Uttarakhand", "Uttar Pradesh", "West
Bengal", " " }));

        jLabel22.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
        jLabel22.setText("PinCode");

        javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
        jPanel3.setLayout(jPanel3Layout);
        jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(20, 20, 20)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addGroup(jPanel3Layout.createSequentialGroup()
```

```java
                .addComponent(jLabel19,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(dept,
javax.swing.GroupLayout.PREFERRED_SIZE, 154,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, Short.MAX_VALUE))
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 128,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 134,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(46, 46, 46))
            .addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addComponent(jLabel12,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(email))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addComponent(jLabel11,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(name,
javax.swing.GroupLayout.PREFERRED_SIZE, 155,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addComponent(jLabel13,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```java
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(mob)))


                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 146,
                Short.MAX_VALUE)


                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
                nt.LEADING, false)
                        .addGroup(jPanel3Layout.createSequentialGroup()
                            .addComponent(jLabel15,
                javax.swing.GroupLayout.PREFERRED_SIZE, 115,
                javax.swing.GroupLayout.PREFERRED_SIZE)


                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                            .addComponent(pass1))
                        .addGroup(jPanel3Layout.createSequentialGroup()
                            .addComponent(jLabel14,
                javax.swing.GroupLayout.PREFERRED_SIZE, 104,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(18, 18, 18)
                            .addComponent(uname1,
                javax.swing.GroupLayout.PREFERRED_SIZE, 193,
                javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jPanel3Layout.createSequentialGroup()
                            .addComponent(jLabel20,
                javax.swing.GroupLayout.PREFERRED_SIZE, 115,
                javax.swing.GroupLayout.PREFERRED_SIZE)


                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                            .addComponent(marry, 0,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
                        .addContainerGap())
                    .addGroup(jPanel3Layout.createSequentialGroup()


                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
                nt.LEADING)
                        .addComponent(jLabel16,
                javax.swing.GroupLayout.PREFERRED_SIZE, 108,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel17,
                javax.swing.GroupLayout.Alignment.TRAILING,
                javax.swing.GroupLayout.PREFERRED_SIZE, 108,
                javax.swing.GroupLayout.PREFERRED_SIZE)
```

```java
                        .addComponent(jLabel18,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addComponent(jRadioButton3)
                    .addGap(32, 32, 32)
                    .addComponent(jRadioButton4))
                .addComponent(dob,
javax.swing.GroupLayout.PREFERRED_SIZE, 154,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jScrollPane3,
javax.swing.GroupLayout.PREFERRED_SIZE, 248,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addComponent(jLabel21,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jLabel22,
javax.swing.GroupLayout.DEFAULT_SIZE, 82, Short.MAX_VALUE))
            .addGap(18, 18, 18)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                .addComponent(state, 0, 194, Short.MAX_VALUE)
                .addComponent(pin))
            .addGap(12, 12, 12))))
        .addGroup(jPanel3Layout.createSequentialGroup()
          .addGap(193, 193, 193)
          .addComponent(jLabel10,
javax.swing.GroupLayout.PREFERRED_SIZE, 378,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
```

```java
        );
        jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
              .addComponent(jLabel10,
javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
              .addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(jLabel11,
javax.swing.GroupLayout.DEFAULT_SIZE, 36, Short.MAX_VALUE)
                .addComponent(name,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addGroup(jPanel3Layout.createSequentialGroup()
                  .addGap(20, 20, 20)
                  .addComponent(jLabel12))
                .addGroup(jPanel3Layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                  .addComponent(email,
javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE))))
              .addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel14,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(uname1,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```java
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                .addComponent(jLabel15,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(pass1))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
              .addComponent(jLabel13,
javax.swing.GroupLayout.DEFAULT_SIZE, 35, Short.MAX_VALUE)
              .addComponent(mob,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
           .addComponent(jLabel20,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
           .addComponent(marry, javax.swing.GroupLayout.PREFERRED_SIZE,
33, javax.swing.GroupLayout.PREFERRED_SIZE))
         .addGap(18, 18, 18)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
           .addComponent(jLabel16,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
           .addComponent(jScrollPane3,
javax.swing.GroupLayout.PREFERRED_SIZE, 145,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
           .addGroup(jPanel3Layout.createSequentialGroup()
              .addGap(9, 9, 9)
```

```java
                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                    .addComponent(jRadioButton3)
                    .addComponent(jLabel17,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jRadioButton4)))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                    .addComponent(state,
javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel21,
javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 8,
Short.MAX_VALUE)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                .addComponent(jLabel22,
javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)
                .addComponent(pin, javax.swing.GroupLayout.PREFERRED_SIZE,
33, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(jLabel18, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(dob, javax.swing.GroupLayout.DEFAULT_SIZE, 33,
Short.MAX_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
```

```java
                .addComponent(dept, javax.swing.GroupLayout.DEFAULT_SIZE, 33,
Short.MAX_VALUE)
                .addComponent(jLabel19, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addGap(54, 54, 54)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap())
    );

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );

    pack();
    setLocationRelativeTo(null);
  }// </editor-fold>
```

```java
private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void nameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void emailActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    new Home().setVisible(true);
    this.setVisible(false);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {


    try{
        Class.forName("com.mysql.jdbc.Driver");
        System.out.println("Connection Done");
        String url="jdbc:mysql://localhost:3306/testing";
        String uname="root";
        String pass="";
        Connection con= DriverManager.getConnection(url,uname,pass);
        System.out.println("path done");
        String q="INSERT INTO tester  VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?,?, ?)";
        PreparedStatement pstmt= con.prepareStatement(q);
        pstmt.setString(1,name.getText());
        pstmt.setString(2,email.getText());
        pstmt.setInt(3,Integer.parseInt(mob.getText()));
        pstmt.setString(4,address.getText());
        pstmt.setString(5,gender);

pstmt.setString(6,((JTextField)dob.getDateEditor().getUiComponent()).getText());
        pstmt.setString(7,dept.getText());
         pstmt.setString(8,uname1.getText());
```
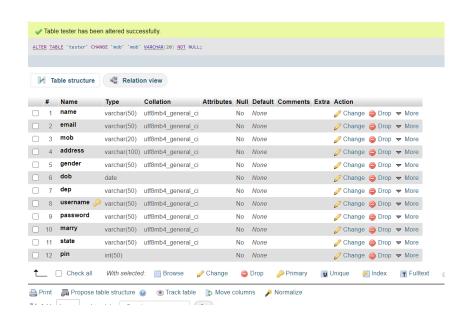
```java
            pstmt.setString(9,String.valueOf(pass1.getPassword()));
         pstmt.setString(10,marry.getSelectedItem().toString());
         pstmt.setString(11,state.getSelectedItem().toString());
         pstmt.setInt(12,Integer.parseInt(pin.getText()));
         pstmt.executeUpdate();
         JOptionPane.showMessageDialog(null,"Registered successfully");
         new Home().setVisible(true);
         this.setVisible(false);
         con.close();


      }
      catch(Exception e){
         JOptionPane.showMessageDialog(null,"u entered same username");
           this.setVisible(true);
         System.out.println("connection not done"+ e.getMessage());
      }

}

   private void uname1ActionPerformed(java.awt.event.ActionEvent evt) {
      // TODO add your handling code here:
   }

   private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {
      gender="male";
   }

   private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {
   gender="female";
   }

   /**
    * @param args the command line arguments
    */
   public static void main(String args[]) {
      /* Set the Nimbus look and feel */
      //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">
      /* If Nimbus (introduced in Java SE 6) is not available, stay with the default
look and feel.
       * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
       */
```

```java
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Registration1.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Registration1.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Registration1.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Registration1.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new Registration1().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JTextPane address;
    private javax.swing.ButtonGroup buttonGroup1;
    private javax.swing.JTextField dept;
    private com.toedter.calendar.JDateChooser dob;
    private javax.swing.JTextField email;
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
```
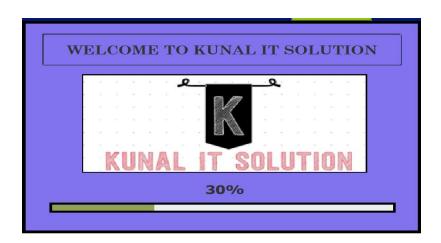
```java
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel20;
private javax.swing.JLabel jLabel21;
private javax.swing.JLabel jLabel22;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JRadioButton jRadioButton1;
private javax.swing.JRadioButton jRadioButton2;
private javax.swing.JRadioButton jRadioButton3;
private javax.swing.JRadioButton jRadioButton4;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane3;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JComboBox<String> marry;
private javax.swing.JTextField mob;
private javax.swing.JTextField name;
private javax.swing.JPasswordField pass1;
private javax.swing.JTextField pin;
private javax.swing.JComboBox<String> state;
private javax.swing.JTextField uname1;
// End of variables declaration
private String gender;}
```
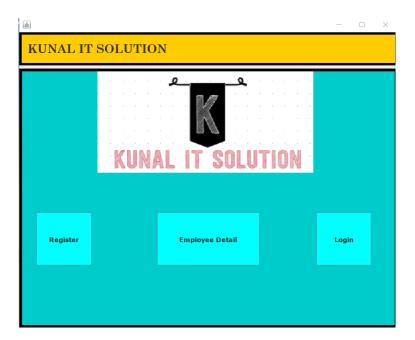
OUTPUT ANALYSIS (SCREENSHOTS)

❖ Before registration make database table:\
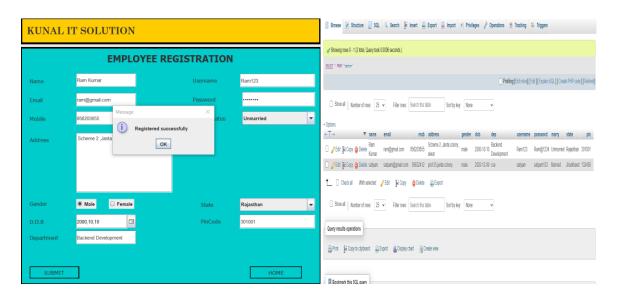

❖ Splash Screen:
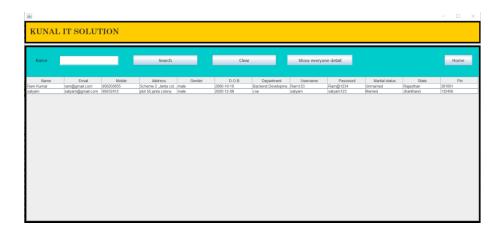
❖ **Home Page:**

❖ **Register Window:**

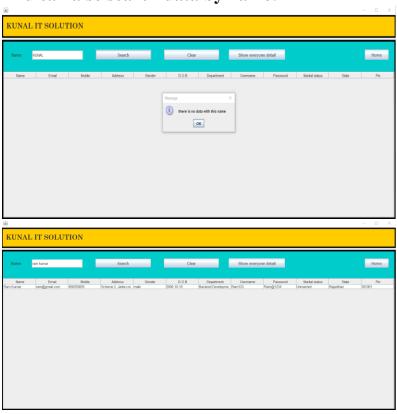## ❖ Before registration database has only one data:
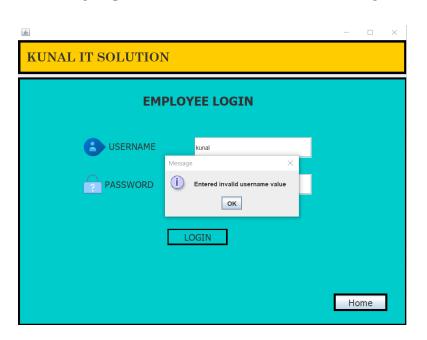

❖ After registration:

❖ Go to home page and ADMIN can see the data of the employee:

❖ And can also search data by name:

❖ **Then again through Home page u can login to employee login there u can update and delete the data of the login employee only and** *if u entered the wrong id password it will show error message.*

❖ After clicking update u can update the data:

Thank You ....