# VIT
UNIVERSITY
(Estd. u/s 3 of UGC Act 1956)

## SCHOOL OF INFORMATION TECNOLOGY AND ENGINEERING

## COLLEGE FEES REPORT MANAGEMENT SYSTEM

Done by


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**SWE 1007 -PROGRAMMING IN JAVA**

**FallSemster 2017-2018**

## Content

## ABSTRACT

The main Aim of this project is to develop fee management system by using Java language. This system mainly reduces the work task and it is easy to maintain the records for a long time than normal hand written records. The user can check his record details by just entering his name no need to search all the record. With the help of this system fee calculations can be done very easily by this system. So the maintenance and management of fee became very easy. It provides better fee management system and also lot of convince than the old system. This process is very fast data can be easily entered lot of time is also saved. It is very easy to understand. A fee report software where admin can add/view/delete accountant and accountant can add/view/edit/delete student, check due fee and logout.

**User of the system:**

- Admin of system:

  Can add/view accountant.

  Can Logout.

- Accountant:

  Can add/view/ students.

  Can Logout.

# INTRODUCTION

In the existing system, most of the records are maintained on paper. It becomes very inconvenient to modify the data. In the existing system, here is a possibility that the same data in different registers may have different values which means the entries of the same data do not match. This inconsistent state does not supply the concrete information which poses a problem in the case information related to particular search record.

**MODULES OF OUR PROJECT:**

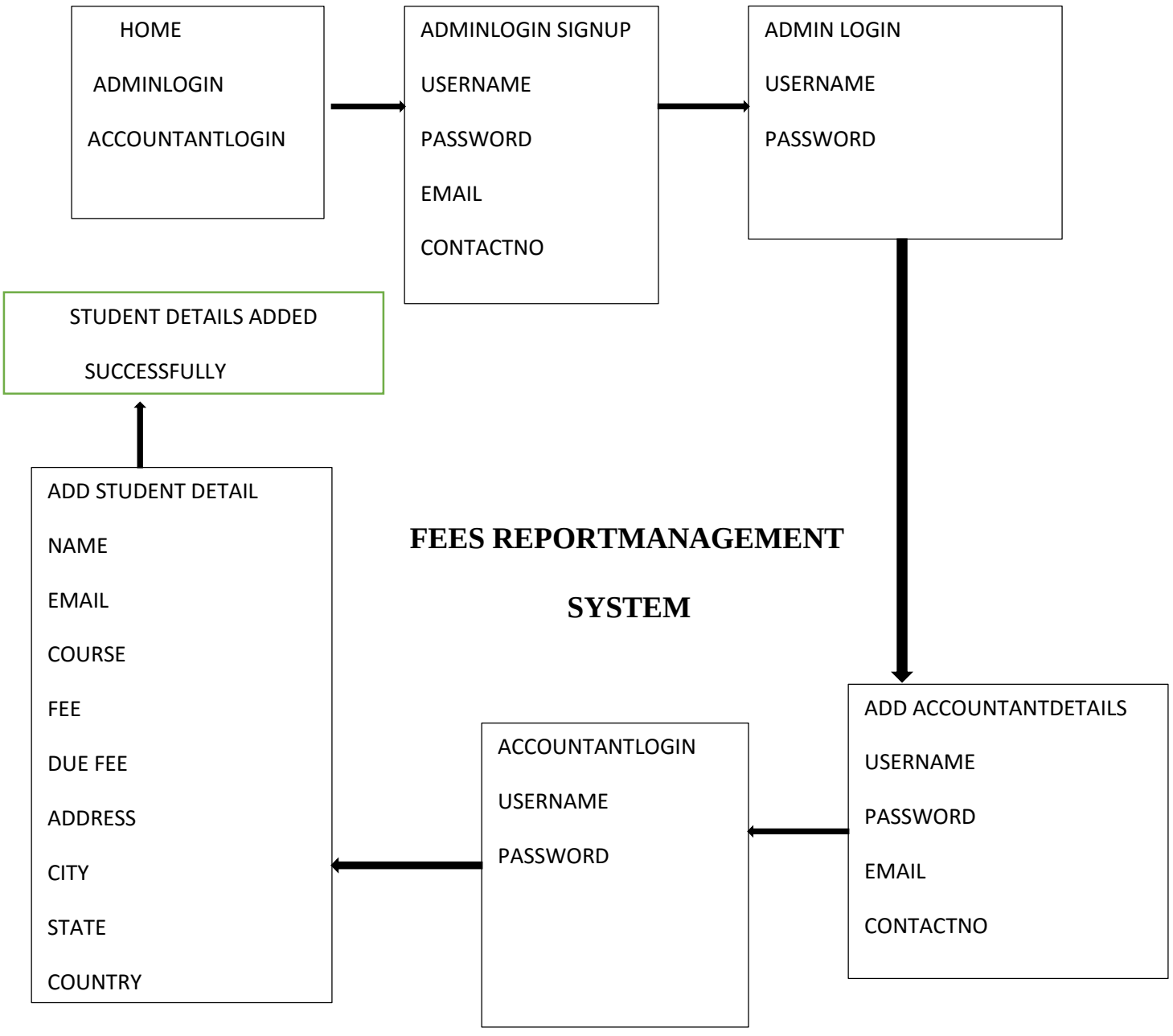
## Admin Module:

This module used by the Admin to login into system. They are required to enter user id and password before they are allowed to enter the system .The user id and password will be verified and if invalid id is there user is allowed to not enter the system. Admin Module contain Accountant details. In this module we can create the new accountant user and we can view the Accountant details.

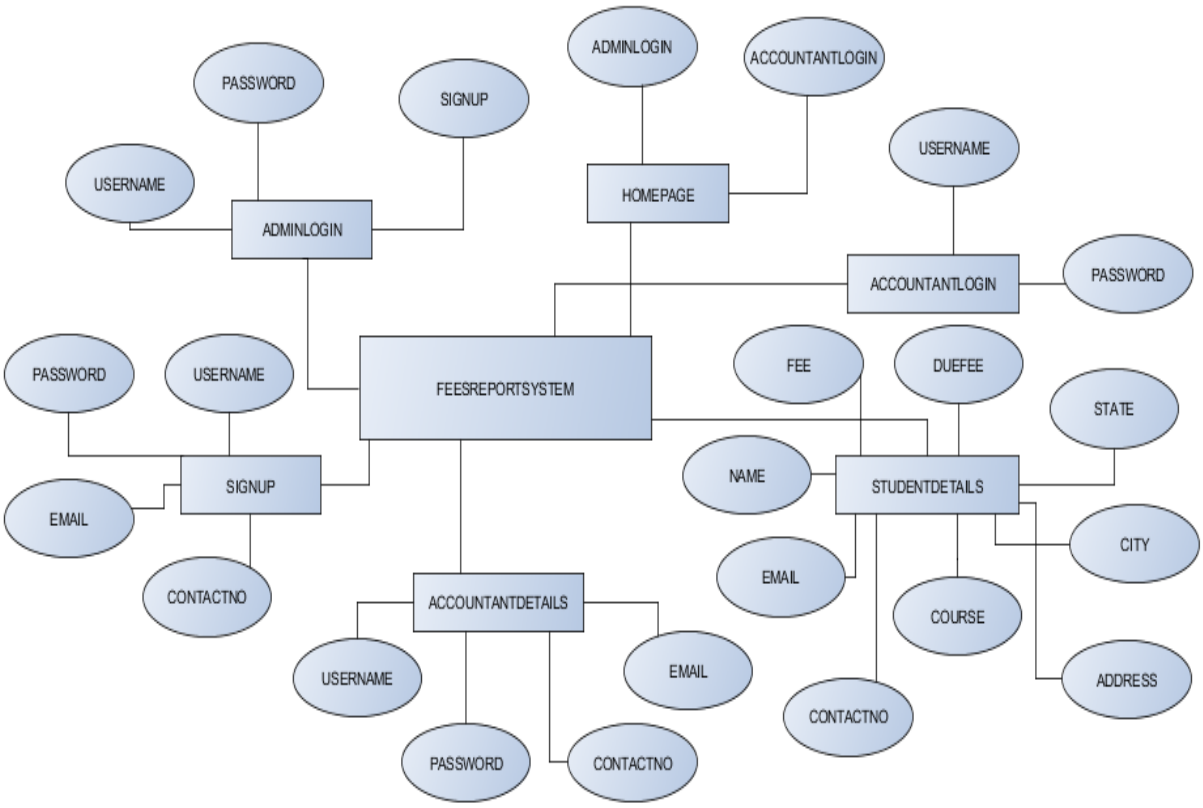
## Accountant Module:

This module used by the Accountant to login into system. They are required to enter user id and password before they are allowed to enter the system .The user id and password will be verified and if invalid id is there user is allowed to not enter the system. In this module we can create the new student details.

# ARCHITECTURE DIAGRAM



# DATA BASE DESIGN



## Sample CODE

### AdminLogin:

```
package feereport;


import java.awt.HeadlessException;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import javax.swing.JOptionPane;



/**

 *

 * @author BALAMURALI

 */

public class AdminLogin extends javax.swing.JFrame {


    Connection conn;

ResultSet rs;
```

```
PreparedStatement pst;



    /**
     * Creates new form AdminLogin
     */
    public AdminLogin() {
        super("AdminLogin");
        initComponents();
         conn=javaconnect.ConnecrDb();
    }


    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
```

```
        jPanel1 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jTextField1 = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jPasswordField1 = new javax.swing.JPasswordField();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jPanel1.setBackground(new java.awt.Color(102, 255, 255));

jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.BorderFac
tory.createLineBorder(new java.awt.Color(0, 153, 153)), "Admin login",
javax.swing.border.TitledBorder.DEFAULT_JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT_POSITION, new java.awt.Font("Tahoma",
0, 24), new java.awt.Color(255, 0, 102))); // NOI18N

        jLabel2.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
        jLabel2.setText("Username");

        jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
```

```
jLabel3.setText("Password");

jTextField1.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

jButton1.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jButton1.setText("Login");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jButton2.setText("Signup");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
```

```
        jButton3.setText("Back");
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton3ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(55, 55, 55)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                            .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
                    .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

                .addGap(89, 89, 89)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING, false)

                    .addComponent(jTextField1,
javax.swing.GroupLayout.DEFAULT_SIZE, 132, Short.MAX_VALUE)

                    .addComponent(jPasswordField1)))

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(71, 71, 71)

                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
95, javax.swing.GroupLayout.PREFERRED_SIZE)


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

                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
86, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(29, 29, 29)

                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
91, javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addContainerGap(39, Short.MAX_VALUE))

    );

    jPanel1Layout.setVerticalGroup(


jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(74, 74, 74)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 31, Short.MAX_VALUE)
                .addComponent(jTextField1))
            .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel3)
                .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 31, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 40, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jButton1)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 31, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 31, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
            .addGap(44, 44, 44))

        );


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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addContainerGap(45, Short.MAX_VALUE))

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

        );



        pack();

    }// </editor-fold>



    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:

            String sql="select * from Adminsignup where Username=? and Password=?";

        try{

            pst=conn.prepareStatement(sql);

            pst.setString(1,jTextField1.getText());

            pst.setString(2,jPasswordField1.getText());

            rs=pst.executeQuery();

            if(rs.next()){

                rs.close();

                pst.close();

                setVisible(false);

                AdminSection ob=new  AdminSection();
```

```
            ob.setVisible(true);
        }else{
            JOptionPane.showMessageDialog(null,"Incorrect Username and Password");
        }



        }catch(HeadlessException | SQLException e){
        JOptionPane.showMessageDialog(null,e);
    }finally{
        try{
        rs.close();
        pst.close();

        }catch(SQLException e){

    }    }



}
```

```
    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        Adminsignup ob=new Adminsignup();
        ob.setVisible(true);
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        setVisible(false);
        Feesreport ob=new Feesreport();
        ob.setVisible(true);
    }

    /**
     * @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

         */

        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(AdminLogin.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);

        } catch (InstantiationException ex) {


java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {


java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
```

```
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        }

        //</editor-fold>


        /* Create and display the form */

        java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {

                new AdminLogin().setVisible(true);

            }

        });

    }


    // Variables declaration - do not modify

    private javax.swing.JButton jButton1;

    private javax.swing.JButton jButton2;

    private javax.swing.JButton jButton3;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JPanel jPanel1;
```

```
    private javax.swing.JPasswordField jPasswordField1;
    private javax.swing.JTextField jTextField1;
    // End of variables declaration
}
```

## Admin Section:

```
package feereport;


import java.awt.HeadlessException;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.JOptionPane;


/**
 *
 * @author BALAMURALI
 */
public class AdminSection extends javax.swing.JFrame {
    Connection conn;
ResultSet rs;7
```

```
/**
 * Creates new form AdminSection
 */
public AdminSection() {
   super("Adminsection");
    initComponents();


        conn=javaconnect.ConnecrDb();
}


/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {


    jLabel1 = new javax.swing.JLabel();
```

```
jButton1 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);


jLabel1.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

jLabel1.setText("AdminSection");


jButton1.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

jButton1.setText("Add Accountant");

jButton1.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton1ActionPerformed(evt);

    }

});


jButton3.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

jButton3.setText("Logout");

jButton3.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton3ActionPerformed(evt);
```

```
        }

    });


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

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

            .addContainerGap(167, Short.MAX_VALUE)

            .addComponent(jLabel1)

            .addGap(170, 170, 170))

        .addGroup(layout.createSequentialGroup()

            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)


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

                .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE, 163,
Short.MAX_VALUE)

                .addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
```

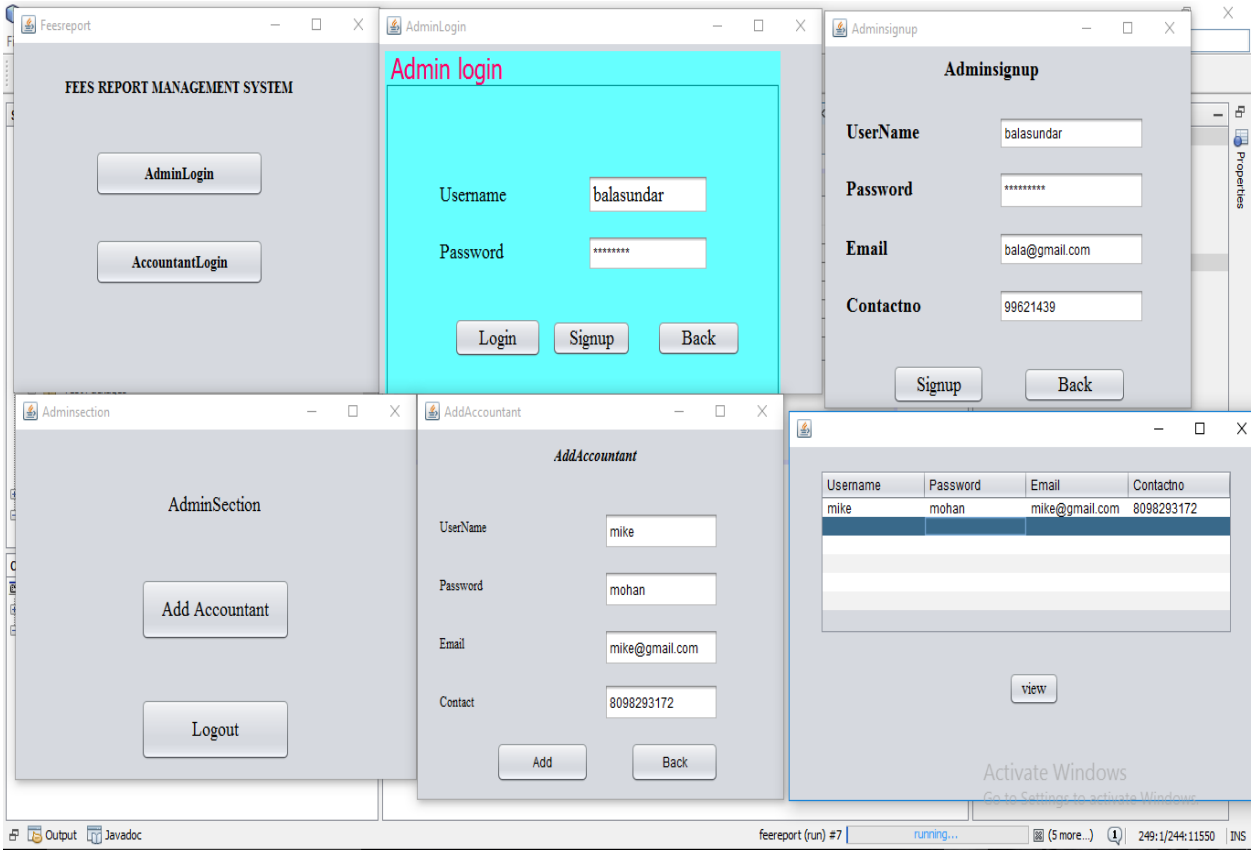
```
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addGap(41, 41, 41)

                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(41, 41, 41)

                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 53,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(50, 50, 50)

                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 53,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addContainerGap(161, Short.MAX_VALUE))

        );



        pack();

    }// </editor-fold>



    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
```

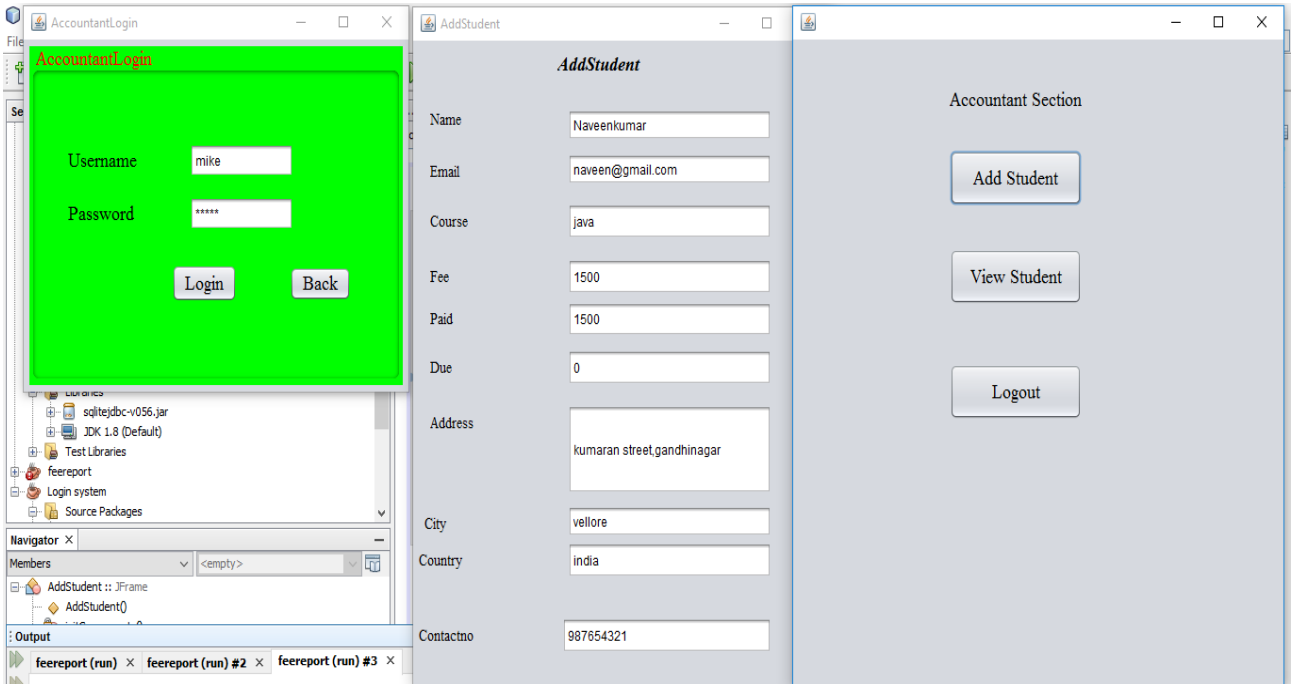
```
 setVisible(false);
        AddAccountant ob=new AddAccountant();
        ob.setVisible(true);
                        // TODO add your handling code here:
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
         setVisible(false);
        AdminLogin ob=new AdminLogin();
        ob.setVisible(true);
    }

    /**
     * @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

        */

       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(AdminSection.class.getName()).log(java.util.logging.
Level.SEVERE, null, ex);

       } catch (InstantiationException ex) {


java.util.logging.Logger.getLogger(AdminSection.class.getName()).log(java.util.logging.
Level.SEVERE, null, ex);

       } catch (IllegalAccessException ex) {


java.util.logging.Logger.getLogger(AdminSection.class.getName()).log(java.util.logging.
Level.SEVERE, null, ex);

       } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

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

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

    // Variables declaration - do not modify
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton3;
    private javax.swing.JLabel jLabel1;
    // End of variables declaration
}
```

# SCREEN SHOTS



# CONCLUSION

From this project we can conclude that if this program is very useful in fee management as it provides more convenience than the manual work. It provides easy methods to manage the load of work easily for the users. It is much fast and more efficient as the data once entered can be modified and accessed easily. The program can be used per the requirement of the user as it is very easy to understand.