**Background Tasks**

**Login home page**

private void jButton1Action Performed (java.awt.event.ActionEvent evt) {

String next=jButton1.getText();

next=jTextField1.getText();

if(jTextField1.getText().isEmpty())

{

JOptionPane.showMessageDialog(null, "Please Enter Your Student ID No");

}

else

{

frameNo02 f2=new frameNo02();

f2.setVisible(true);

this.dispose();

}

**Welcome Page**

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

frameNo01 f1=new frameNo01();

f1.setVisible(true);

this.dispose(); }

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

frameNo03 f3=new frameNo03();

f3.setVisible(true);

this.dispose(); }

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

String bill=jLabel14.getText();

bill=stringHoppers.getText();

jLabel14.setText("String Hoppers Rs50/="); }

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

String bill=jLabel14.getText();

bill=riceCurry.getText();

jLabel14.setText("Rice & Curry Rs150/="); }

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

String bill=jLabel14.getText();

bill=kottu.getText();

jLabel14.setText("Kottu Rs150/="); }

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

String bill=jLabel14.getText();

bill=buns.getText();

jLabel14.setText("Buns Rs80/="); }

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

String bill=jLabel14.getText();

bill=buns.getText();

jLabel14.setText("Bread Rs50/="); }

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

String bill=jLabel14.getText();

bill=friedRice.getText();

jLabel14.setText("Fried Rice Rs200/="); }

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

String bill=jLabel14.getText();

bill=hoppers.getText();

jLabel14.setText("Hoppers Rs60/="); }

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

String bill=jLabel14.getText();

bill=juice.getText();

jLabel14.setText("Juice Rs100/="); }

**CRUD**

package newView;

import java.util.logging.Level;

import java.util.logging.Logger;

import java.sql.\*;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author hp

\*/

public class cFrame3 extends javax.swing.JFrame {

private Object txtfname;

private Object txtid;

/\*\*

\* Creates new form cFrame3

\*/

public cFrame3() {

initComponents();

connect();

Loadfoodid();

}

Connection con;

PreparedStatement pst;

ResultSet rs;

public void connect()

{

try {

Class.forName("com.mysql.jdbc.Driver");

con=DriverManager.getConnection("jdbc:mysql://localhost/cantdb","root","");

} catch (ClassNotFoundException ex) {

Logger.getLogger(cFrame3.class.getName()).log(Level.SEVERE, null, ex);

} catch (SQLException ex) {

Logger.getLogger(cFrame3.class.getName()).log(Level.SEVERE, null, ex);

}

}

public void Loadfoodid()

{

try {

pst=con.prepareStatement("select id from food");

rs=pst.executeQuery();

txtid.removeAllItem();

while(rs.next())

{

txtid.addItem(rs.getString(1));

}

} catch (SQLException ex) {

Logger.getLogger(cFrame3.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

\* 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() {

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jButton5 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

txtfname = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

txtid = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

txtftype = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("NSBM Canteen Management");

setMaximumSize(new java.awt.Dimension(0, 0));

setResizable(false);

jButton1.setIcon(new javax.swing.ImageIcon("C:\\Users\\hp\\Desktop\\NSBM\\Java Assignment\\N Home.jpg")); // NOI18N

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

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

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Verdana", 0, 24)); // NOI18N

jButton2.setForeground(new java.awt.Color(0, 0, 255));

jButton2.setText("Create Data");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

jButton3.setFont(new java.awt.Font("Verdana", 0, 24)); // NOI18N

jButton3.setForeground(new java.awt.Color(0, 0, 255));

jButton3.setText("Show Data");

jButton4.setFont(new java.awt.Font("Verdana", 0, 24)); // NOI18N

jButton4.setForeground(new java.awt.Color(0, 0, 255));

jButton4.setText("Update Data");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

jButton4ActionPerformed(evt);

}

});

jButton5.setFont(new java.awt.Font("Verdana", 0, 24)); // NOI18N

jButton5.setForeground(new java.awt.Color(0, 0, 255));

jButton5.setText("Delete Data");

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

jButton5ActionPerformed(evt);

}

});

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

jLabel1.setText("Food Name");

txtfname.setFont(new java.awt.Font("Verdana", 1, 18)); // NOI18N

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel2.setText("Food ID");

txtid.setFont(new java.awt.Font("Verdana", 1, 18)); // NOI18N

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel3.setText("Food Type");

txtftype.setFont(new java.awt.Font("Verdana", 1, 18)); // NOI18N

jLabel4.setIcon(new javax.swing.ImageIcon("C:\\Users\\hp\\Desktop\\NSBM\\Java Assignment\\new canteen.jpg")); // NOI18N

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(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel4)

.addGap(81, 81, 81)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 70, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(37, 37, 37))

.addGroup(layout.createSequentialGroup()

.addGap(44, 44, 44)

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

.addComponent(jButton4, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createSequentialGroup()

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

.addComponent(jLabel2)

.addComponent(jLabel1)

.addComponent(jLabel3))

.addGap(6, 6, 6)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 63, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton5)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 173, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(82, 82, 82))

.addGroup(layout.createSequentialGroup()

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

.addComponent(txtftype)

.addComponent(txtid)

.addComponent(txtfname, javax.swing.GroupLayout.DEFAULT\_SIZE, 194, Short.MAX\_VALUE))

.addGap(110, 110, 110))))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGap(24, 24, 24)

.addComponent(jButton1)

.addGap(18, 18, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addContainerGap(39, Short.MAX\_VALUE)

.addComponent(jLabel4)

.addGap(23, 23, 23)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(txtfname, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(txtid, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(txtftype, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(38, 38, 38)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton3)

.addComponent(jButton2))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton4)

.addComponent(jButton5))

.addGap(38, 38, 38))

);

pack();

}// </editor-fold>

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

cFrame1 f1=new cFrame1();

f1.setVisible(true);

this.dispose();

}

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

try {

String fname=txtfname.getText();

String id=txtid.getText();

String foodtype=txtftype.getText();

pst=con.prepareStatement("insert to food(food name,food ID,foof type)values(?,?,?)");

pst.setString(1,fname);

pst.setString(2, id);

pst.setString(3, foodtype);

int k=pst.executeUpdate();

if(k==1)

{

JOptionPane.showMessageDialog(this, "record Added");

txtfname.setText("");

txtid.setText("");

txtftype.setText("");

txtfname.requestFocus();

}

else

{

JOptionPane.showMessageDialog(this, "record failed");

}

} catch (SQLException ex) {

Logger.getLogger(cFrame3.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

try {

String fname=txtname.getText();

String id=txtid.getText();

String foodtype=txtftype.getText();

String id=txtid.getSelectedItem().toString();

pst=con.prepareStatement("Update food set fname=?,id=?,ftype=? where id=?");

pst.setString(1,fname);

pst.setString(2, id);

pst.setString(3, foodtype);

int k=pst.executeUpdate();

if(k==1)

{

JOptionPane.showMessageDialog(this, "record Updated");

txtfname.setText("");

txtid.setText("");

txtftype.setText("");

txtfname.requestFocus();

}

else

{

JOptionPane.showMessageDialog(this, "record failed");

}

} catch (SQLException ex) {

Logger.getLogger(cFrame3.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

try {

String fname=txtname.getText();

String id=txtid.getText();

String foodtype=txtftype.getText();

String id=txtid.getSelectedItem().toString();

pst=con.prepareStatement("Delete food set fname=?,id=?,ftype=? where id=?");

pst.setString(1,fname);

pst.setString(2, id);

pst.setString(3, foodtype);

int k=pst.executeUpdate();

if(k==1)

{

JOptionPane.showMessageDialog(this, "record Deleted");

txtfname.setText("");

txtid.setText("");

txtftype.setText("");

txtfname.requestFocus();

}

else

{

JOptionPane.showMessageDialog(this, "record failed");

}

} catch (SQLException ex) {

Logger.getLogger(cFrame3.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

\* @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(cFrame3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(cFrame3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(cFrame3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(cFrame3.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 cFrame3().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.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JTextField txtfname;

private javax.swing.JTextField txtftype;

private javax.swing.JTextField txtid;

// End of variables declaration

}