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/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/**
 *
 * @author Admin
 */
import java.sql.*;
import java.io.*;
import javax.swing.JOptionPane;

public class Item_Master_Frame extends javax.swing.JFrame {

    /**
     * Creates new form Item_Master_Frame
     */

    Connection con;
    Statement st;
    PreparedStatement pstins;
    PreparedStatement pstupd;
    PreparedStatement pstdel;
    PreparedStatement pstqry;
    ResultSet rs;

    public Item_Master_Frame() {
        initComponents();

        try
        {
            Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
            con=DriverManager.getConnection("jdbc:odbc:oradsn",
"mamatha", "password");
            pstins=con.prepareStatement("insert into item_master
values(?,?,?)");
            pstupd=con.prepareStatement("update item_master set iname=?, rate=?
where icode=?");
            pstdel=con.prepareStatement("delete from item_master where
icode=?");
            pstqry=con.prepareStatement("select * from item_master where
icode=?");
            st=con.createStatement();

        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, e, "Error!!",
JOptionPane.ERROR_MESSAGE);
            return;
        }

    }
}

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/**
 * 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"> //GEN-BEGIN:
initComponents() {
    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
        txtICode = new javax.swing.JTextField();
        txtName = new javax.swing.JTextField();
        jLabel2 = new javax.swing.JLabel();
        txtRate = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        cmdAdd = new javax.swing.JButton();
        cmdView = new javax.swing.JButton();
        cmdEdit = new javax.swing.JButton();
        cmdDelete = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
        jLabel1.setText("Item Code");

        txtICode.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

        txtName.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

        jLabel2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
        jLabel2.setText("Name");

        txtRate.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

        jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
        jLabel3.setText("Rate");

        cmdAdd.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
        cmdAdd.setText("Add");
        cmdAdd.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                cmdAddActionPerformed(evt);
            }
        });

        cmdView.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
        cmdView.setText("View");
        cmdView.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                cmdViewActionPerformed(evt);
            }
        });

        cmdEdit.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
        cmdEdit.setText("Edit");
        cmdEdit.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                cmdEditActionPerformed(evt);
            }
        });

        cmdDelete.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

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cmdDelete.setText("Delete");
cmdDelete.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cmdDeleteActionPerformed(evt);
    }
});

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(cmdAdd,
            javax.swing.GroupLayout.PREFERRED_SIZE, 79,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(cmdView,
            javax.swing.GroupLayout.PREFERRED_SIZE, 79,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(cmdEdit,
            javax.swing.GroupLayout.PREFERRED_SIZE, 79,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(cmdDelete,
            javax.swing.GroupLayout.PREFERRED_SIZE, 79,
            javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel3,
                javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(64, 64, 64)
            .addComponent(txtRate))
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel2,
                javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(64, 64, 64)
            .addComponent(txtName)))
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel1,
                javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(64, 64, 64)
            .addComponent(txtICode,
                javax.swing.GroupLayout.PREFERRED_SIZE, 166,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createSequentialGroup()
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
                Short.MAX_VALUE))
    );
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        layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Ali
ignment.BASELINE)
                    .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txtICode,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Ali
ignment.BASELINE)
                    .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txtName,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Ali
ignment.BASELINE)
                    .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txtRate,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Ali
ignment.BASELINE)
                    .addComponent(cmdAdd)
                    .addComponent(cmdView)
                    .addComponent(cmdEdit)
                    .addComponent(cmdDelete))
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
            );

        pack();
    } // </editor-fold> // GEN-END: initComponents

    private void cmdAddActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_cmdAddActionPerformed
        // TODO add your handling code here:
        try
        {
            //pstqry.setString(1, txtICode.getText());
            rs=st.executeQuery("select * from item_master where
icode='"+txtICode.getText()+"'");

            if(rs.next()==true)
            {
                JOptionPane.showMessageDialog(null, "ICode Exists!!!", "Error!!",
JOptionPane.ERROR_MESSAGE);
                return;
            }
            pstins.setString(1, txtICode.getText());

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        pstins.setString(2, txtName.getText());
        pstins.setFloat(3, Float.parseFloat(txtRate.getText()));
        pstins.executeUpdate();
        rs.close();
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e, "Error!!",
JOptionPane.ERROR_MESSAGE);
        return;
    }
}

```

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} //GEN-LAST:event_cmdAddActionPerformed

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private void cmdViewActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_cmdViewActionPerformed
    // TODO add your handling code here:
    try
    {
        rs=st.executeQuery("select * from item_master where
icode='"+txtICode.getText()+"'");
        if(rs.next()==true)
        {
            txtName.setText(rs.getString("iname"));
            txtRate.setText(String.valueOf(rs.getFloat("rate")));

        }
        rs.close();
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e, "Error!!",
JOptionPane.ERROR_MESSAGE);
        return;
    }
}

```

```

} //GEN-LAST:event_cmdViewActionPerformed

```

```

private void cmdEditActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_cmdEditActionPerformed
    // TODO add your handling code here:
    try
    {
        pstupd.setString(1, txtName.getText());
        pstupd.setFloat(2, Float.parseFloat(txtRate.getText()));
        pstupd.setString(3, txtICode.getText());
        pstupd.executeUpdate();

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e, "Error!!",
JOptionPane.ERROR_MESSAGE);
        return;
    }
}

```

```

} //GEN-LAST:event_cmdEditActionPerformed

```

```

private void cmdDeleteActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_cmdDeleteActionPerformed

```

```

        // TODO add your handling code here:

        try
        {
            pstdel.setString(1, txtICode.getText());
            pstdel.executeUpdate();
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, e, "Error!!",
JOptionPane.ERROR_MESSAGE);
            return;
        }

    } //GEN-LAST:event_cmdDeleteActionPerformed

    /**
     * @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(Item_Master_Frame.class.getName()).log(java.u
til.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Item_Master_Frame.class.getName()).log(java.u
til.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Item_Master_Frame.class.getName()).log(java.u
til.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

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

// Variables declaration - do not modify//GEN-BEGIN:variables

```

```
private javax.swing.JButton cmdAdd;  
private javax.swing.JButton cmdDelete;  
private javax.swing.JButton cmdEdit;  
private javax.swing.JButton cmdView;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JTextField txtICode;  
private javax.swing.JTextField txtName;  
private javax.swing.JTextField txtRate;  
// End of variables declaration//GEN-END:variables
```

```
}
```