

## References

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## Appendix I: Software Coding

```
/*  
 * 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.  
 */
```

```
package ceb;
```

```
import static com.sun.corba.se.spi.presentation.rmi.StubAdapter.request;  
import connection.DB;  
import java.sql.ResultSet;  
import java.sql.Statement;  
import javax.swing.JOptionPane;  
import pages.userAccount;
```

```
public class login extends javax.swing.JFrame {
```

```
    /**  
     * Creates new form login  
     */
```

```
    public login() {  
        initComponents();  
    }
```

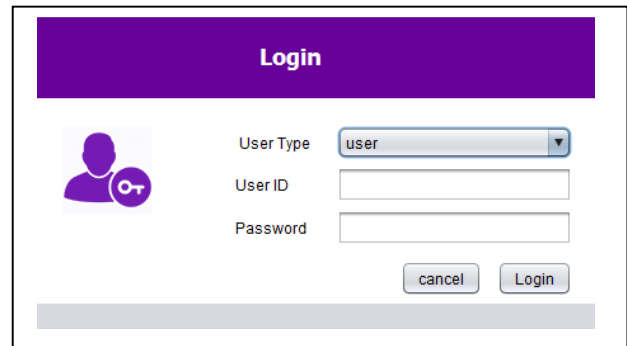
```
    /**  
     * This method is called from within the constructor to initialize the form.  
     * WARNING: Do NOT modify this code. The content of this method is always  
     * regenerated by the Form Editor.  
     */
```

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

```
        jPanel1 = new javax.swing.JPanel();  
        jPanel2 = new javax.swing.JPanel();  
        jLabel1 = new javax.swing.JLabel();  
        jLabel2 = new javax.swing.JLabel();  
        jLabel3 = new javax.swing.JLabel();  
        txtuserid = new javax.swing.JTextField();  
        jLabel4 = new javax.swing.JLabel();  
        txtpw = new javax.swing.JPasswordField();  
        jButton1 = new javax.swing.JButton();  
        jLabel6 = new javax.swing.JLabel();  
        jComboBox1 = new javax.swing.JComboBox();  
        jButton2 = new javax.swing.JButton();
```

```
        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);  
        setUndecorated(true);
```

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



```

jPanel2.setBackground(new java.awt.Color(102, 0, 153));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("Login");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(175, 175, 175)
            .addComponent(jLabel1)
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(20, 20, 20)
            .addComponent(jLabel1)
            .addGap(22, Short.MAX_VALUE))
        );

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/icon/users.png"))); // NOI18N

jLabel3.setText("User ID");

jLabel4.setText("Password");

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

jButton1.setText("Login");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jLabel6.setText("User Type");

jComboBox1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "user", "admin",
"super admin" }));

jButton2.setText("cancel");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {

```

```

        jButton2ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jButton2)
                    .addPreferredGap(LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(jButton1))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(20, 20, 20)
                    .addComponent(jLabel2)
                    .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED, 66,
Short.MAX_VALUE)))
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel3)
                        .addComponent(jLabel4))
                    .addGap(24, 24, 24))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel6)
                    .addGap(21, 21, 21)))
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(jComboBox1, 0, 185, Short.MAX_VALUE)
                .addComponent(txtuserid)
                .addComponent(txtpw)))
        .addGap(18, Short.MAX_VALUE))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED, 22,
Short.MAX_VALUE)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jComboBox1, 0, 185, Short.MAX_VALUE)
                    .addComponent(txtuserid)
                    .addComponent(txtpw)))
                .addGap(18, Short.MAX_VALUE))
        );

```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel6)
    .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel3)
    .addComponent(txtuserid, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel4)
    .addComponent(txtpw, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addComponent(jLabel2))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1)
        .addComponent(jButton2))
    .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)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGap(20, 20, 20)
        );

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String type = jComboBox1.getSelectedItem().toString();

    if (type == "user") {
        userlogin();
    }
    if (type == "admin") {

```

```

        uderlogin();
    }
}

private void txtpwActionPerformed(java.awt.event.ActionEvent evt) {
    String type = jComboBox1.getSelectedItem().toString();

    if (type == "user") {
        uderlogin();
    }
    if (type == "admin") {
        uderlogin();
    }
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

/**
 * @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(login.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(login.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 login().setVisible(true);
    }
});
}

// Variables declaration - do not modify
public static javax.swing.JButton jButton1;
public static javax.swing.JButton jButton2;
public static javax.swing.JComboBox jComboBox1;
public static javax.swing.JLabel jLabel1;
public static javax.swing.JLabel jLabel2;
public static javax.swing.JLabel jLabel3;
public static javax.swing.JLabel jLabel4;
public static javax.swing.JLabel jLabel6;
public static javax.swing.JPanel jPanel1;
public static javax.swing.JPanel jPanel2;
public static javax.swing.JPasswordField txtpw;
public static javax.swing.JTextField txtuserid;
// End of variables declaration

void uderlogin() {
    String userid = txtuserid.getText();
    String pw = new String(txtpw.getPassword());

    try {
        Statement s = DB.getcon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM `user` WHERE `user_id`='" + userid + "' and
`password`='" + pw + "'");
        if (rs.next()) {
            this.dispose();
            home h = new home();
            h.jLabel7.setText(rs.getString("user_id"));
            String x = rs.getString("user_id");

            h.setVisible(true);
        } else {
            JOptionPane.showMessageDialog(this, "password and user id not matching");
        }
    } catch (Exception e) {
        e.printStackTrace();
    }
}
}
}

```



---

CEB.java

```
/*
 * 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.
 */

package ceb;

/**
 *
 * @author MyLaptop
 */
public class CEB {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
    }

}
```

---

UserDetails.java

```
/*
 * 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.
 */

package ceb;

/**
 *
 * @author MyLaptop
 */
public class userDetails {
    public userDetails(String userid) {

    }
}
```

---

Connection

DB.Java

```
/*
```

---

```

* 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.
*/
package connection;

import java.sql.Connection;
import java.sql.DriverManager;

/**
 *
 * @author MyLaptop
 */
public class DB {
    static Connection c;

    public static Connection getcon() throws Exception {
        if (c == null) {
            Class.forName("com.mysql.jdbc.Driver");
            c = DriverManager.getConnection("jdbc:mysql://localhost/ceb", "root", "");
        }
        return c;
    }
}

```

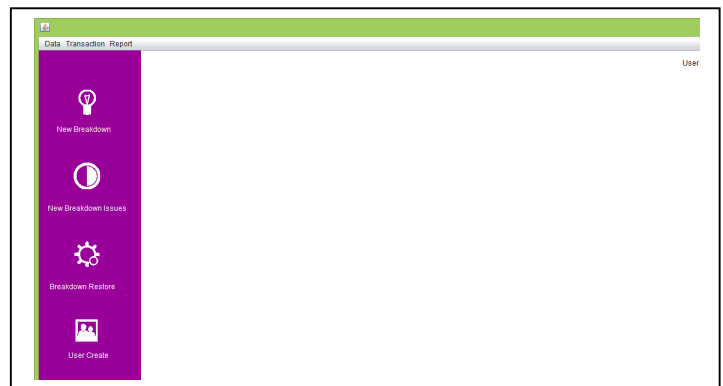
---

```

/*
 * 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.
 */
package ceb;

import Report.time_report;
import Report.top_most_feeder;
import Report.top_most_grid;
import Report.top_most_section;
import Report.top_most_sin;
import connection.DB;
import java.sql.ResultSet;
import java.sql.Statement;
import pages.CSC;
import pages.add_item;
import pages.areas;
import pages.breakdownlsuarUpdate;
import pages.breakdown_issues;
import pages.breakdown_reason;
import pages.breakdown_type;
import pages.create_recons;

```



```

import pages.distribution_substation;
import pages.feeder_details;
import pages.grid_details;
import pages.kva_types;
import pages.load_reading_data;
import pages.lvlineDetails;
import pages.newbreakdown_details;
import pages.provinces;
import pages.region;
import pages.section_details;
import pages.update_breakdown;
import pages.user;
import pages.userAccount;
import pages.zone_details;

/**
 *
 * @author MyLaptop
 */
public class home extends javax.swing.JFrame {

    /**
     * Creates new form home
     */
    public home() {
        initComponents();

    }

    /**
     * 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() {

        jDesktopPane1 = new javax.swing.JDesktopPane();
        jPanel1 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jButton6 = new javax.swing.JButton();
        jLabel7 = new javax.swing.JLabel();
        jLabel8 = new javax.swing.JLabel();
        jButton7 = new javax.swing.JButton();
        jPanel2 = new javax.swing.JPanel();
        jButton1 = new javax.swing.JButton();
        jLabel3 = new javax.swing.JLabel();
        jButton2 = new javax.swing.JButton();
        jLabel4 = new javax.swing.JLabel();
    }

```

```

jLabel5 = new javax.swing.JLabel();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();
jLabel6 = new javax.swing.JLabel();
jButton5 = new javax.swing.JButton();
jMenuBar1 = new javax.swing.JMenuBar();
jMenu1 = new javax.swing.JMenu();
jMenu5 = new javax.swing.JMenu();
jMenuItem4 = new javax.swing.JMenuItem();
jMenuItem5 = new javax.swing.JMenuItem();
jMenuItem6 = new javax.swing.JMenuItem();
jMenuItem7 = new javax.swing.JMenuItem();
jMenuItem8 = new javax.swing.JMenuItem();
jMenuItem20 = new javax.swing.JMenuItem();
jMenu6 = new javax.swing.JMenu();
jMenuItem1 = new javax.swing.JMenuItem();
jMenuItem23 = new javax.swing.JMenuItem();
jMenuItem3 = new javax.swing.JMenuItem();
jMenuItem9 = new javax.swing.JMenuItem();
jMenuItem10 = new javax.swing.JMenuItem();
jMenuItem11 = new javax.swing.JMenuItem();
jMenuItem12 = new javax.swing.JMenuItem();
jMenuItem17 = new javax.swing.JMenuItem();
jMenuItem18 = new javax.swing.JMenuItem();
jMenu2 = new javax.swing.JMenu();
jMenu7 = new javax.swing.JMenu();
jMenuItem13 = new javax.swing.JMenuItem();
jMenuItem14 = new javax.swing.JMenuItem();
jMenu8 = new javax.swing.JMenu();
jMenuItem15 = new javax.swing.JMenuItem();
jMenuItem16 = new javax.swing.JMenuItem();
jMenuItem21 = new javax.swing.JMenuItem();
jMenuItem27 = new javax.swing.JMenuItem();
jMenu3 = new javax.swing.JMenu();
jMenuItem19 = new javax.swing.JMenuItem();
jMenuItem24 = new javax.swing.JMenuItem();
jMenuItem25 = new javax.swing.JMenuItem();
jMenuItem26 = new javax.swing.JMenuItem();
jMenuItem22 = new javax.swing.JMenuItem();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
setMinimumSize(null);

jDesktopPane1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

jLabel1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(51, 51, 51));
jLabel1.setText("Ceylon Electricity Board");

```

```

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(102, 102, 102));
jLabel2.setText("Faults Analysis and Reliability Monitoring System");

jButton6.setText("My Account");
jButton6.setContentAreaFilled(false);
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(evt);
    }
});

jLabel7.setText("jLabel7");

jLabel8.setText("User ID");

jButton7.setText("Log out");
jButton7.setContentAreaFilled(false);
jButton7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton7ActionPerformed(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()
            .addComponent(jLabel8)
            .addGap(32, 32, 32)
            .addComponent(jLabel7)
            .addGap(45, 45, 45)
            .addComponent(jButton6)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton7)
            .addGap(50, 50, 50)
            .addGap(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel2)
                .addComponent(jLabel1)
                .addGap(48, 48, 48))))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup())
        .addContainerGap()
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton6)
            .addComponent(jLabel7)
            .addComponent(jLabel8)
            .addComponent(jButton7))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 570,
Short.MAX_VALUE)
        .addComponent(jLabel2)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel1)
        .addGap(19, 19, 19)
    );

    jDesktopPane1.add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 0, 1240, 680));

    jPanel2.setBackground(new java.awt.Color(153, 0, 153));

    jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/icon/new_breakdown.png")));
// NOI18N
    jButton1.setContentAreaFilled(false);
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jLabel3.setForeground(new java.awt.Color(255, 255, 255));
    jLabel3.setText("New Breakdown");

    jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/icon/new-breakdown-
issur.png"))); // NOI18N
    jButton2.setContentAreaFilled(false);
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    jLabel4.setForeground(new java.awt.Color(255, 255, 255));
    jLabel4.setText("New Breakdown Issues");

    jLabel5.setForeground(new java.awt.Color(255, 255, 255));
    jLabel5.setText(" Breakdown Restore");

    jButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/icon/breakdown_reson.png"))); // NOI18N
    jButton3.setContentAreaFilled(false);
    jButton3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {

```

```

        jButton3ActionPerformed(evt);
    }
});

jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/icon/user.png"))); // NOI18N
jButton4.setContentAreaFilled(false);
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jLabel6.setForeground(new java.awt.Color(255, 255, 255));
jLabel6.setText("User Create");

jButton5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/icon/logout.png"))); // NOI18N
jButton5.setContentAreaFilled(false);
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()
            .addGap(15, 15, Short.MAX_VALUE)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 155, Short.MAX_VALUE)
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                        jPanel2Layout.createSequentialGroup()
                            .addGap(31, 31, 31)
                            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
                                    javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addContainerGap(1))))
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addGap(50, 50, 50)
                        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
                                javax.swing.GroupLayout.PREFERRED_SIZE))))))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(31, 31, 31)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(1))))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(31, 31, 31)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(1))))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(50, 50, 50)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
                    javax.swing.GroupLayout.PREFERRED_SIZE))))
);

```

```

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    .addGroup(jPanel2Layout.createSequentialGroup())
        .addGap(49, 49, 49)
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 72,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 0, Short.MAX_VALUE))
    );
    jPanel2Layout.setVerticalGroup(
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup())
            .addGap(60, 60, 60)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel3)
            .addGap(45, 45, 45)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(42, 42, 42)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(38, 38, 38)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 50,
Short.MAX_VALUE)
            .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(68, 68, 68))
        );

    jDesktopPane1.add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 170, 680));

    jMenuBar1.setBackground(new java.awt.Color(153, 0, 153));
    jMenuBar1.setForeground(new java.awt.Color(255, 255, 255));

    jMenu1.setText("Data");

```



```

jMenu1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenu1ActionPerformed(evt);
    }
});

jMenu5.setText("Master Details");
jMenu5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenu5ActionPerformed(evt);
    }
});

jMenuItem4.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_R,
java.awt.event.InputEvent.ALT_MASK));
jMenuItem4.setText("Region");
jMenuItem4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem4ActionPerformed(evt);
    }
});
jMenu5.add(jMenuItem4);

jMenuItem5.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_P,
java.awt.event.InputEvent.ALT_MASK));
jMenuItem5.setText("Provinces");
jMenuItem5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem5ActionPerformed(evt);
    }
});
jMenu5.add(jMenuItem5);

jMenuItem6.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.ALT_MASK));
jMenuItem6.setText("Areas");
jMenuItem6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem6ActionPerformed(evt);
    }
});
jMenu5.add(jMenuItem6);

jMenuItem7.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_C,
java.awt.event.InputEvent.ALT_MASK));
jMenuItem7.setText("CSC");
jMenuItem7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem7ActionPerformed(evt);
    }
});

```

```

jMenu5.add(jMenuItem7);

jMenuItem8.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_U,
java.awt.event.InputEvent.ALT_MASK));
jMenuItem8.setText("Users");
jMenuItem8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem8ActionPerformed(evt);
    }
});
jMenu5.add(jMenuItem8);

jMenuItem20.setText("Metirial Item");
jMenuItem20.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem20ActionPerformed(evt);
    }
});
jMenu5.add(jMenuItem20);

jMenu1.add(jMenu5);

jMenu6.setText("Breakdown Details");

jMenuItem1.setText("Breakdown type");
jMenuItem1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem1ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem1);

jMenuItem23.setText("Breakdown Masters");
jMenuItem23.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem23ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem23);

jMenuItem3.setText("KVA types");
jMenuItem3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem3ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem3);

jMenuItem9.setText("Zone Details");
jMenuItem9.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {

```

```

        jMenuItem9ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem9);

jMenuItem10.setText("Grid Details");
jMenuItem10.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem10ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem10);

jMenuItem11.setText("Feeder Details");
jMenuItem11.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem11ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem11);

jMenuItem12.setText("Section Details");
jMenuItem12.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem12ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem12);

jMenuItem17.setText("Distribution substation");
jMenuItem17.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem17ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem17);

jMenuItem18.setText("LV Lines Details");
jMenuItem18.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem18ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem18);

jMenu1.add(jMenu6);

jMenuBar1.add(jMenu1);

jMenu2.setText("Transaction");
jMenu2.addActionListener(new java.awt.event.ActionListener() {

```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem2ActionPerformed(evt);
        }
    });

    jMenuItem7.setText("Breakdown entries");

    jMenuItem13.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_N,
java.awt.event.InputEvent.CTRL_MASK));
    jMenuItem13.setText("New Breakdown");
    jMenuItem13.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem13ActionPerformed(evt);
        }
    });
    jMenuItem7.add(jMenuItem13);

    jMenuItem14.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_U,
java.awt.event.InputEvent.CTRL_MASK));
    jMenuItem14.setText("Update Breakdown");
    jMenuItem14.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem14ActionPerformed(evt);
        }
    });
    jMenuItem7.add(jMenuItem14);

    jMenuItem2.add(jMenuItem7);

    jMenuItem8.setText("Breakdown Issues");

    jMenuItem15.setText("New issues");
    jMenuItem15.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem15ActionPerformed(evt);
        }
    });
    jMenuItem8.add(jMenuItem15);

    jMenuItem16.setText("Update issues");
    jMenuItem16.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem16ActionPerformed(evt);
        }
    });
    jMenuItem8.add(jMenuItem16);

    jMenuItem2.add(jMenuItem8);

    jMenuItem21.setText("Load Reading Data");
    jMenuItem21.addActionListener(new java.awt.event.ActionListener() {

```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem21ActionPerformed(evt);
        }
    });
    jMenu2.add(jMenuItem21);

    jMenuItem27.setText("Breakdown Restore");
    jMenuItem27.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem27ActionPerformed(evt);
        }
    });
    jMenu2.add(jMenuItem27);

    jMenuBar1.add(jMenu2);

    jMenuItem3.setText("Report");
    jMenuItem3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem3ActionPerformed(evt);
        }
    });

    jMenuItem19.setText("Top Most Breakdown Grid");
    jMenuItem19.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem19ActionPerformed(evt);
        }
    });
    jMenuItem3.add(jMenuItem19);

    jMenuItem24.setText("Top Most Breakdown Feeder");
    jMenuItem24.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem24ActionPerformed(evt);
        }
    });
    jMenuItem3.add(jMenuItem24);

    jMenuItem25.setText("Top Most Breakdown Section");
    jMenuItem25.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem25ActionPerformed(evt);
        }
    });
    jMenuItem3.add(jMenuItem25);

    jMenuItem26.setText("Top Most Breakdown Sin");
    jMenuItem26.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem26ActionPerformed(evt);
        }
    });

```

```

    }
});
jMenu3.add(jMenuItem26);

jMenuItem22.setText("Breakdown Details Report");
jMenuItem22.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem22ActionPerformed(evt);
    }
});
jMenu3.add(jMenuItem22);

jMenuBar1.add(jMenu3);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jDesktopPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jDesktopPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 672,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
);

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

private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {

}

private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {
    region rs = new region();
    jPanel1.add(rs);
    rs.setLocation(350, 75);
    rs.setVisible(true);
}

private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {

```

```

    provinces ps = new provinces();
    jPanel1.add(ps);
    ps.setLocation(350, 75);
    ps.setVisible(true);
}

private void jMenuItem6ActionPerformed(java.awt.event.ActionEvent evt) {
    areas aria = new areas();
    jPanel1.add(aria);
    aria.setLocation(350, 75);
    aria.setVisible(true);
}

private void jMenuItem7ActionPerformed(java.awt.event.ActionEvent evt) {
    CSC csc = new CSC();
    jPanel1.add(csc);
    csc.setLocation(350, 20);
    csc.setVisible(true);
}

private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {
    breakdown_type brtype = new breakdown_type();
    jPanel1.add(brtype);
    brtype.setLocation(350, 60);
    brtype.setVisible(true);
}

private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {
    kva_types kva = new kva_types();
    jPanel1.add(kva);
    kva.setLocation(350, 60);
    kva.setVisible(true);
}

private void jMenuItem9ActionPerformed(java.awt.event.ActionEvent evt) {
    zone_details zone = new zone_details();
    jPanel1.add(zone);
    zone.setLocation(350, 60);
    zone.setVisible(true);
}

private void jMenuItem10ActionPerformed(java.awt.event.ActionEvent evt) {
    grid_details grid = new grid_details();
    jPanel1.add(grid);
    grid.setLocation(350, 60);
    grid.setVisible(true);
}

private void jMenuItem11ActionPerformed(java.awt.event.ActionEvent evt) {
    feeder_details feeder = new feeder_details();
    jPanel1.add(feeder);
}

```

```

        feeder.setLocation(350, 20);
        feeder.setVisible(true);
    }

    private void jMenuItem12ActionPerformed(java.awt.event.ActionEvent evt) {
        section_details section = new section_details();
        jPanel1.add(section);
        section.setLocation(350, 20);
        section.setVisible(true);
    }

    private void jMenuItem13ActionPerformed(java.awt.event.ActionEvent evt) {
        newbreakdown_details nbrk = new newbreakdown_details();
        jPanel1.add(nbrk);
        nbrk.setLocation(150, 20);
        nbrk.setVisible(true);
    }

    private void jMenuItem8ActionPerformed(java.awt.event.ActionEvent evt) {
        user user = new user();
        jPanel1.add(user);
        user.setLocation(350, 20);
        user.setVisible(true);
    }

    private void jMenuItem17ActionPerformed(java.awt.event.ActionEvent evt) {
        distribution_substation ds = new distribution_substation();
        jPanel1.add(ds);
        ds.setLocation(350, 20);
        ds.setVisible(true);
    }

    private void jMenuItem18ActionPerformed(java.awt.event.ActionEvent evt) {
        lvlineDetails lv = new lvlineDetails();
        jPanel1.add(lv);
        lv.setLocation(350, 20);
        lv.setVisible(true);
    }

    private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
        userAccount ua = new userAccount();
        jPanel1.add(ua);
        ua.jLabel7.setText(jLabel7.getText());
        ua.setLocation(150, 40);
        ua.setVisible(true);

        String userId = jLabel7.getText();
        String csc_name = "";
        try {
            Statement s = DB.getcon().createStatement();
            Statement s1 = DB.getcon().createStatement();

```



```

ResultSet rs = s.executeQuery("SELECT * FROM `user` WHERE `user_id`='" + userId + "'");
while (rs.next()) {
    ua.jLabel10.setText(rs.getString("province"));
    ua.jLabel12.setText(rs.getString("region"));
    csc_name = rs.getString("csc");

    ua.jLabel16.setText(rs.getString("area"));

}
ResultSet rs1 = s1.executeQuery("SELECT * FROM `csc` WHERE `name`='" + csc_name + "'");
while (rs1.next()) {
    ua.jLabel14.setText(rs1.getString("csc_char_no"));
}
} catch (Exception e) {
    e.printStackTrace();
}
}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    newbreakdown_details nbrk = new newbreakdown_details();
    jPanel1.add(nbrk);
    nbrk.setLocation(150, 20);
    nbrk.setVisible(true);
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    breakdown_reason brresone = new breakdown_reason();
    jPanel1.add(brresone);
    brresone.setLocation(150, 60);
    brresone.setVisible(true);
    brresone.jLabel8.setText(jLabel7.getText());
}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

private void jMenuItem14ActionPerformed(java.awt.event.ActionEvent evt) {
    update_breakdown nbrku = new update_breakdown();
    jPanel1.add(nbrku);
    nbrku.setLocation(150, 20);
    nbrku.setVisible(true);
}

```

```

private void jMenuItem19ActionPerformed(java.awt.event.ActionEvent evt) {
    top_most_grid dmgreport = new top_most_grid();
    dmgreport.setVisible(true);
}

private void jMenuItem20ActionPerformed(java.awt.event.ActionEvent evt) {
    add_item additem = new add_item();
    jPanel1.add(additem);
    additem.setLocation(150, 20);
    additem.setVisible(true);
}

private void jMenuItem15ActionPerformed(java.awt.event.ActionEvent evt) {
    breakdown_issues brissue = new breakdown_issues();
    jPanel1.add(brissue);
    brissue.setLocation(150, 20);
    brissue.setVisible(true);
}

private void jMenuItem21ActionPerformed(java.awt.event.ActionEvent evt) {
    load_reading_data lrd = new load_reading_data();
    jPanel1.add(lrd);
    lrd.setLocation(150, 20);
    lrd.setVisible(true);
}

private void jMenuItem22ActionPerformed(java.awt.event.ActionEvent evt) {
    time_report timereport = new time_report();
    timereport.setVisible(true);
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    user asd = new user();
    jPanel1.add(asd);
    asd.setLocation(150, 20);
    asd.setVisible(true);
}

private void jMenuItem16ActionPerformed(java.awt.event.ActionEvent evt) {
    breakdownlsuarUpdate issueup = new breakdownlsuarUpdate();
    jPanel1.add(issueup);
    issueup.setLocation(150, 20);
    issueup.setVisible(true);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    breakdown_issues brissue = new breakdown_issues();
    jPanel1.add(brissue);
    brissue.setLocation(150, 20);
    brissue.setVisible(true);
}

```

```

}

private void jMenuItem23ActionPerformed(java.awt.event.ActionEvent evt) {
    create_resons brrtype = new create_resons();
    jPanel1.add(brrtype);
    brrtype.setLocation(350, 60);
    brrtype.setVisible(true);
}

private void jMenuItem24ActionPerformed(java.awt.event.ActionEvent evt) {
    top_most_feeder dmgfeeder = new top_most_feeder();
    dmgfeeder.setVisible(true);
}

private void jMenuItem25ActionPerformed(java.awt.event.ActionEvent evt) {
    top_most_section dmgsection = new top_most_section();
    dmgsection.setVisible(true);
}

private void jMenuItem26ActionPerformed(java.awt.event.ActionEvent evt) {
    top_most_sin dmgsin = new top_most_sin();
    dmgsin.setVisible(true);
}

private void jMenuItem27ActionPerformed(java.awt.event.ActionEvent evt) {
    breakdown_reason brrsone = new breakdown_reason();
    jPanel1.add(brrsone);
    brrsone.setLocation(150, 60);
    brrsone.setVisible(true);
    brrsone.jLabel8.setText(jLabel7.getText());
}

private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

/**
 * @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(home.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(home.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(home.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(home.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 home().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
public static javax.swing.JButton jButton1;
public static javax.swing.JButton jButton2;
public static javax.swing.JButton jButton3;
public static javax.swing.JButton jButton4;
public static javax.swing.JButton jButton5;
public static javax.swing.JButton jButton6;
public static javax.swing.JButton jButton7;
public static javax.swing.JDesktopPane jDesktopPane1;
public static javax.swing.JLabel jLabel1;
public static javax.swing.JLabel jLabel2;
public static javax.swing.JLabel jLabel3;
public static javax.swing.JLabel jLabel4;
public static javax.swing.JLabel jLabel5;
public static javax.swing.JLabel jLabel6;
public static javax.swing.JLabel jLabel7;
public static javax.swing.JLabel jLabel8;
public static javax.swing.JMenu jMenuItem1;
public static javax.swing.JMenu jMenuItem2;
public static javax.swing.JMenu jMenuItem3;
public static javax.swing.JMenu jMenuItem5;
public static javax.swing.JMenu jMenuItem6;
public static javax.swing.JMenu jMenuItem7;
public static javax.swing.JMenu jMenuItem8;
public static javax.swing.JMenuBar jMenuItemBar1;
public static javax.swing.JMenuItem jMenuItem1;

```

```

public static javax.swing.JMenuItem jMenuItem10;
public static javax.swing.JMenuItem jMenuItem11;
public static javax.swing.JMenuItem jMenuItem12;
public static javax.swing.JMenuItem jMenuItem13;
public static javax.swing.JMenuItem jMenuItem14;
public static javax.swing.JMenuItem jMenuItem15;
public static javax.swing.JMenuItem jMenuItem16;
public static javax.swing.JMenuItem jMenuItem17;
public static javax.swing.JMenuItem jMenuItem18;
public static javax.swing.JMenuItem jMenuItem19;
public static javax.swing.JMenuItem jMenuItem20;
public static javax.swing.JMenuItem jMenuItem21;
public static javax.swing.JMenuItem jMenuItem22;
public static javax.swing.JMenuItem jMenuItem23;
public static javax.swing.JMenuItem jMenuItem24;
public static javax.swing.JMenuItem jMenuItem25;
public static javax.swing.JMenuItem jMenuItem26;
public static javax.swing.JMenuItem jMenuItem27;
public static javax.swing.JMenuItem jMenuItem3;
public static javax.swing.JMenuItem jMenuItem4;
public static javax.swing.JMenuItem jMenuItem5;
public static javax.swing.JMenuItem jMenuItem6;
public static javax.swing.JMenuItem jMenuItem7;
public static javax.swing.JMenuItem jMenuItem8;
public static javax.swing.JMenuItem jMenuItem9;
public static javax.swing.JPanel jPanel1;
public static javax.swing.JPanel jPanel2;
// End of variables declaration
}

```

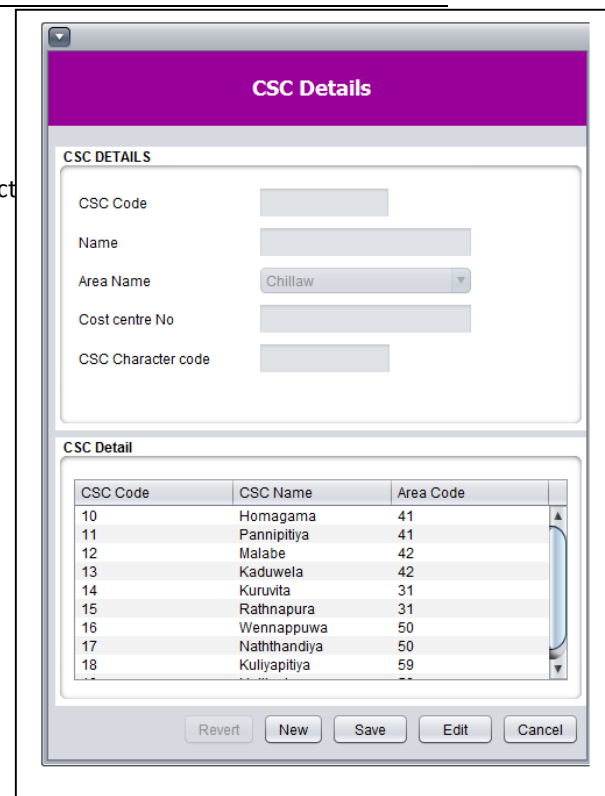
```

/*
 * 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.
 */
package pages;

import connection.DB;
import java.sql.ResultSet;
import java.sql.Statement;
import java.util.Vector;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

/**

```



```

*
* @author MyLaptop
*/
public class CSC extends javax.swing.JInternalFrame {

    /**
     * Creates new form CSC
     */
    public CSC() {
        initComponents();
        loadArea();
        textfeald_desable();
        loadcscdata();
    }

    /**
     * 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();
        txtcsccode = new javax.swing.JTextField();
        txtname = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jComboBox1 = new javax.swing.JComboBox();
        jLabel5 = new javax.swing.JLabel();
        txtcostcenter = new javax.swing.JTextField();
        jLabel6 = new javax.swing.JLabel();
        txtcsccharacter_no = new javax.swing.JTextField();
        jPanel2 = new javax.swing.JPanel();
        jScrollPane1 = new javax.swing.JScrollPane();
        jTable1 = new javax.swing.JTable();
        jButton3 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton1 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        revert = new javax.swing.JButton();
        jPanel3 = new javax.swing.JPanel();
        jLabel7 = new javax.swing.JLabel();

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

        jPanel1.setBackground(new java.awt.Color(255, 255, 255));
        jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder("CSC DETAILS"));

```

```

jLabel2.setText("CSC Code");

jLabel3.setText("Name");

jLabel4.setText("Area Name");

jLabel5.setText("Cost centre No");

jLabel6.setText("CSC Character code");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(41, 41, 41)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel2)
                .addComponent(jLabel3)
                .addComponent(jLabel4)
                .addComponent(jLabel5)
                .addComponent(jLabel6))
            .addGap(41, 41, 41)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(txtcsccode, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                    .addComponent(jComboBox1, 0, 185, Short.MAX_VALUE)
                    .addComponent(txtname)
                    .addComponent(txtcostcenter))
                .addComponent(txtcsccharacter_no, javax.swing.GroupLayout.PREFERRED_SIZE, 115,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(41, 41, 41)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel2)
                .addComponent(txtcsccode, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel3)
                .addComponent(txtname, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel4)

```

```

        .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel5)
        .addComponent(txtcostcenter, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel6)
        .addComponent(txtcsccharacter_no, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(34, Short.MAX_VALUE)
    );

jPanel2.setBackground(new java.awt.Color(255, 255, 255));
jPanel2.setBorder(javax.swing.BorderFactory.createTitledBorder("CSC Detail"));

jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {

    },
    new String [] {
        "CSC Code", "CSC Name", "Area Code"
    }
));
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jTable1MouseClicked(evt);
    }
});
jScrollPane1.setViewportView(jTable1);

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE)
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 177,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
);

jButton3.setText("Cancel");
jButton3.addActionListener(new java.awt.event.ActionListener() {

```



```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton3ActionPerformed(evt);
        }
    });

    jButton2.setText("Edit");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    jButton1.setText("Save");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jButton4.setText("New");
    jButton4.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton4ActionPerformed(evt);
        }
    });

    revert.setText("Revert");
    revert.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            revertActionPerformed(evt);
        }
    });

    jPanel3.setBackground(new java.awt.Color(153, 0, 153));

    jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    jLabel7.setForeground(new java.awt.Color(255, 255, 255));
    jLabel7.setText("CSC Details");

    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(175, 175, 175)
                .addComponent(jLabel7)
                .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );
    jPanel3Layout.setVerticalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addGap(175, 175, 175)
                .addComponent(jLabel7)
                .addGap(Short.MAX_VALUE, Short.MAX_VALUE, Short.MAX_VALUE))
    );

```

```

        .addGap(20, 20, 20)
        .addComponent(jLabel7)
        .addContainerGap(22, Short.MAX_VALUE)
    );

    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(115, Short.MAX_VALUE)
                .addComponent(revert)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jButton4)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 67,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 67,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 67,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap()
                .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addGroup(layout.createSequentialGroup()
                    .addContainerGap()
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jPanel2, 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()
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(jButton1)
                        .addComponent(jButton2)
                        .addComponent(jButton3)
                        .addComponent(jButton4)

```

```

        .addComponent(revert)
        .addContainerGap(18, Short.MAX_VALUE)
    );

    pack();
} // </editor-fold>

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    textfeald_enable();
    revert.setEnabled(true);
    jButton2.setEnabled(false);
    jButton1.setEnabled(false);
    jButton4.setEnabled(false);
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String csccode = txtcsccode.getText();
    String name = txtname.getText();
    String costcenter = txtcostcenter.getText();
    String charactercode = txtcsccharacter_no.getText();
    String areaname = JComboBox1.getSelectedItem().toString();
    String areacode = "";

    if (csccode.isEmpty() || name.isEmpty() || costcenter.isEmpty() || charactercode.isEmpty()) {
        JOptionPane.showMessageDialog(this, "Some textfeald is empty");
    } else {
        try {
            Statement s = DB.getcon().createStatement();

            ResultSet rs = s.executeQuery("SELECT * FROM `csc` WHERE `csc_code`='" + csccode + "' or
`name` = '" + name + "'");
            if (rs.next()) {
                JOptionPane.showMessageDialog(this, "Alreddy Active csc");
            } else {
                s.executeUpdate("INSERT INTO `csc`(`csc_code`, `name`, `cost_center_no`, `csc_char_no`)
VALUES ('" + csccode + "','" + name + "','" + costcenter + "','" + charactercode + "')");

                ResultSet rs1 = s.executeQuery("SELECT * FROM `area` WHERE `name`='" + areaname + "'");
                while (rs1.next()) {
                    areacode = rs1.getString("area_code");
                }
                s.executeUpdate("INSERT INTO `area_csc`(`csc_csc_code`, `area_area_code`) VALUES ('" +
csccode + "','" + areacode + "')");
                JOptionPane.showMessageDialog(this, "Successful entries");
                loadcscdata();
            }
        }
    }
}

```

```

        } catch (Exception e) {
        }
    }
}

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

private void revertActionPerformed(java.awt.event.ActionEvent evt) {
    revert.setEnabled(false);
    jButton2.setEnabled(true);
    jButton1.setEnabled(true);
    jButton4.setEnabled(true);

    try {
        Statement s = DB.getcon().createStatement();
        String csc_code = txtcsccode.getText();
        String name = txtname.getText();
        String cost_center = txtcostcenter.getText();
        String csc_charctr_code = txtcsccharacter_no.getText();
        String area_name = JComboBox1.getSelectedItem().toString();
        int areacode = 0;

        s.executeUpdate("UPDATE `csc` SET `name`='" + name + "',`cost_center_no`='" + cost_center +
            "',`csc_char_no`='" + csc_charctr_code + "' WHERE `csc_code`='" + csc_code + "'");

        ResultSet rs2 = s.executeQuery("SELECT * FROM `area` WHERE `name`='" + area_name + "'");
        while (rs2.next()) {
            areacode = rs2.getInt("area_code");
        }

        s.executeUpdate("UPDATE `area_csc` SET `area_area_code`='" + areacode + "' WHERE
            `csc_csc_code`='" + csc_code + "'");

        JOptionPane.showMessageDialog(this, "Update Successful");
        loadcscdata();
    } catch (Exception e) {
    }
}

private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
    DefaultTableModel dtm = (DefaultTableModel) jTable1.getModel();
    int selectedrow = jTable1.getSelectedRow();

    txtcsccode.setText(dtm.getValueAt(selectedrow, 0).toString());
    txtname.setText(dtm.getValueAt(selectedrow, 1).toString());
    String areacode = dtm.getValueAt(selectedrow, 2).toString();
    String csccode = dtm.getValueAt(selectedrow, 0).toString();
    try {

```

```

Statement s = DB.getcon().createStatement();
Statement s1 = DB.getcon().createStatement();
ResultSet rs = s.executeQuery("SELECT * FROM `area` WHERE `area_code`='" + areacode + "'");
while (rs.next()) {
    JComboBox1.setSelectedItem(rs.getString("name"));
    ResultSet rs1 = s1.executeQuery("SELECT * FROM `csc` WHERE `csc_code`='" + csccode + "'");
    while (rs1.next()) {
        txtcostcenter.setText(rs1.getString("cost_center_no"));
        txtcsccharacter_no.setText(rs1.getString("csc_char_no"));
    }
}
} catch (Exception e) {
}
}

```

```

// 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.JComboBox jComboBox1;
private javax.swing.JLabel jLabel2;
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.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JButton revert;
private javax.swing.JTextField txtcostcenter;
private javax.swing.JTextField txtcsccharacter_no;
private javax.swing.JTextField txtcsccode;
private javax.swing.JTextField txtname;
// End of variables declaration
void textfeald_desable() {
    txtcsccode.setEnabled(false);
    txtname.setEnabled(false);
    txtcostcenter.setEnabled(false);
    txtcsccharacter_no.setEnabled(false);
    revert.setEnabled(false);
    jComboBox1.setEnabled(false);
}

void textfeald_enable() {
    txtcsccode.setEnabled(true);
    txtname.setEnabled(true);
}

```

```

txtcostcenter.setEnabled(true);
txtcsccharacter_no.setEnabled(true);
revert.setEnabled(false);
jComboBox1.setEnabled(true);
}

void loadArea() {
    try {
        Statement s = DB.getcon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM `area`");
        while (rs.next()) {
            jComboBox1.addItem(rs.getString("name"));
        }
    } catch (Exception e) {
    }
}

void loadcscdata() {
    try {
        String x;
        String procode;
        Statement s = DB.getcon().createStatement();
        Statement s1 = DB.getcon().createStatement();
        String sql = "SELECT * from `csc`";
        ResultSet rs = s.executeQuery(sql);
        DefaultTableModel td = (DefaultTableModel) jTable1.getModel();
        td.setRowCount(0);

        while (rs.next()) {
            Vector v = new Vector();
            x = rs.getString("csc_code");
            String sql2 = "SELECT * FROM `area_csc` WHERE `csc_csc_code`='" + x + "'";
            ResultSet rsq = s1.executeQuery(sql2);
            v.add(rs.getString("csc_code"));
            v.add(rs.getString("name"));
            while (rsq.next()) {
                v.add(rsq.getString("area_area_code"));
            }

            td.addRow(v);
        }

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

```

```

/*
 * 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.
 */

```

```
package pages;
```

```

import connection.DB;
import java.awt.event.KeyEvent;
import java.sql.ResultSet;
import java.sql.Statement;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.Vector;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

```

```

/**
 *
 * @author MyLaptop
 */

```

```
public class breakdown_issues extends javax.swing.JInternalFrame {
```

```

/**
 * Creates new form breakdown_issues
 */

```

```

public breakdown_issues() {
    initComponents();
    searchBreakdownNo();
    ItemNameLoad();
    setIssurID();
}

```

```

/**
 * 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.
 */

```

```

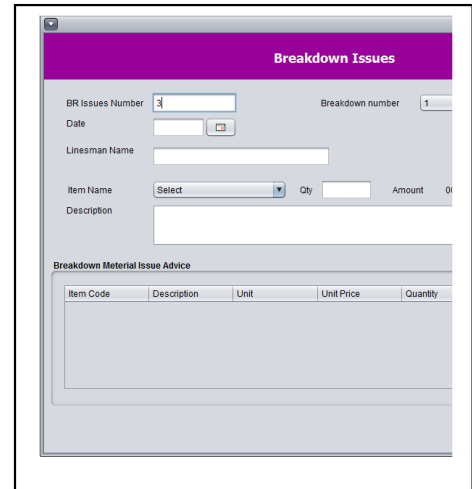
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

```

```

    jPanel2 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    jDateChooser1 = new com.toedter.calendar.JDateChooser();
    jLabel4 = new javax.swing.JLabel();
    jComboBox1 = new javax.swing.JComboBox();

```



```

jPanel1 = new javax.swing.JPanel();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jLabel5 = new javax.swing.JLabel();
jComboBox2 = new javax.swing.JComboBox();
jLabel6 = new javax.swing.JLabel();
jTextField2 = new javax.swing.JTextField();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jLabel9 = new javax.swing.JLabel();
jScrollPane2 = new javax.swing.JScrollPane();
jTextArea1 = new javax.swing.JTextArea();
jLabel10 = new javax.swing.JLabel();
jTextField3 = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();

jPanel2.setBackground(new java.awt.Color(153, 0, 153));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("Breakdown Issues");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()
            .addGap(272, 272, 272)
            .addComponent(jLabel1)
            .addGap(272, 272, 272))
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()
            .addGap(23, 23, 23)
            .addComponent(jLabel1)
            .addGap(19, 19, 19))
);

jLabel2.setText("BR Issues Number");

jLabel3.setText("Date");

jLabel4.setText("Breakdown number");

jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder("Breakdown Material Issue Advice"));

jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {

```



```

    },
    new String [] {
        "Item Code", "Description", "Unit", "Unit Price", "Quantity", "Amount"
    }
});
jScrollPane1.setViewportViewView(jTable1);

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .add(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jScrollPane1)
                .add(jLabel5)
            )
            .addContainerGap())
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .add(jLabel5)
            .add(jScrollPane1)
            .addContainerGap())
);

jLabel5.setText("Item Name");

jComboBox2.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Select" }));
jComboBox2.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jComboBox2MouseClicked(evt);
    }
});
jComboBox2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jComboBox2ActionPerformed(evt);
    }
});

jLabel6.setText("Qty");

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

jLabel7.setText("Amount");

jLabel8.setText("00.00");

```

```

jLabel9.setText("Description");

jTextArea1.setColumns(20);
jTextArea1.setRows(5);
jTextArea1.addAncestorListener(new javax.swing.event.AncestorListener() {
    public void ancestorMoved(javax.swing.event.AncestorEvent evt) {
    }
    public void ancestorAdded(javax.swing.event.AncestorEvent evt) {
        jTextArea1AncestorAdded(evt);
    }
    public void ancestorRemoved(javax.swing.event.AncestorEvent evt) {
    }
});
jTextArea1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextArea1KeyPressed(evt);
    }
});
jScrollPane2.setViewportView(jTextArea1);

jLabel10.setText("Linesman Name");

jButton1.setText("Save");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setText("Close");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel2)
            .addComponent(jLabel3)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                .addComponent(jLabel5)
                .addComponent(jLabel9))
        );

```

```

        .addComponent(jLabel10))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup())
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                        .addComponent(jTextField1)
                        .addComponent(jDateChooser1, javax.swing.GroupLayout.DEFAULT_SIZE, 117,
Short.MAX_VALUE))
                            .addGap(116, 116, 116)
                            .addComponent(jLabel4)
                            .addGap(27, 27, 27)
                            .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGroup(layout.createSequentialGroup())
                                    .addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED_SIZE, 186,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                        .addGap(18, 18, 18)
                                        .addComponent(jLabel6)
                                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                                        .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                            .addGap(28, 28, 28)
                                            .addComponent(jLabel7)
                                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 31,
Short.MAX_VALUE)
                                                .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                                    .addGap(104, 104, 104))
                                        .addGroup(layout.createSequentialGroup())
                                            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                                .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 436,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                                    .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE, 246,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                                        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
                                                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
                                                    .addContainerGap()
                                                    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                                        .addContainerGap())
                                                        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
                                                            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                                            .addComponent(jButton1)
                                                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                                                            .addComponent(jButton2)
                                                            .addGap(20, 20, 20))
                                                    );
        layout.setVerticalGroup(

```

```

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
            .addComponent(jPanel2, 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(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel4)
                .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel3)
                .addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup())
                    .addGap(9, 9, 9)
                    .addComponent(jLabel10))
                .addGroup(layout.createSequentialGroup())
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(jTextField3, 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(jComboBox2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel6)
                .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel7)
                .addComponent(jLabel8)
                .addComponent(jLabel5))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel9)
                .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 58,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jButton1)
                .addComponent(jButton2))
            .addContainerGap(31, Short.MAX_VALUE))
    );

    pack();

```

```

} // </editor-fold>

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

private void jComboBox2MouseClicked(java.awt.event.MouseEvent evt) {

}

private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {

    String itemname = jComboBox2.getSelectedItem().toString();
    double unitPrice = 0.0;
    String qty = jTextField2.getText();
    double qtx = Double.parseDouble(qty);
    try {
        Statement s = DB.getcon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM `item` WHERE `name`='" + itemname + "'");
        while (rs.next()) {
            unitPrice = rs.getDouble("unit_price");
        }
        double x = unitPrice * qtx;
        jLabel8.setText(String.valueOf(x));
    } catch (Exception e) {
        e.printStackTrace();
    }
}

private void jTextArea1AncestorAdded(javax.swing.event.AncestorEvent evt) {

}

private void jTextArea1KeyPressed(java.awt.event.KeyEvent evt) {
    if (evt.getKeyCode() == KeyEvent.VK_ENTER) {
        String itemname = jComboBox2.getSelectedItem().toString();
        String qty = jTextField2.getText();
        String amount = jLabel8.getText();
        String description = jTextArea1.getText();
        try {
            Statement s = DB.getcon().createStatement();
            ResultSet rs = s.executeQuery("SELECT * FROM `item` WHERE `name`='" + itemname + "'");
            DefaultTableModel dtm = (DefaultTableModel) jTable1.getModel();
            while (rs.next()) {
                Vector v = new Vector();
                v.add(rs.getString("item_code"));
                v.add(description);
                v.add(rs.getString("unit"));
                v.add(rs.getString("unit_price"));
                v.add(qty);
                v.add(amount);
            }
        }
    }
}

```

```

        dtm.addRow(v);
    }
} catch (Exception e) {
    e.printStackTrace();
}
}
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String brlssurlID = jTextField1.getText();
    String breakdownNo = jComboBox1.getSelectedItem().toString();
    SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
    Date date = jDateChooser1.getDate();

    String linsman_name = jTextField3.getText();
    String itemName = jComboBox2.getSelectedItem().toString();
    String qty = jTextField2.getText();
    String amount = jLabel8.getText();

    try {
        Statement s = DB.getcon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM `breakdown_issur` WHERE `br_issue_number`='" +
brlssurlID + "'");
        if (rs.next()) {
            JOptionPane.showMessageDialog(this, "Already Active Issur Number");
        }
        if (linsman_name.isEmpty()) {
            JOptionPane.showMessageDialog(this, "Try Again! lines man name empty");
        } else {
            s.executeUpdate("INSERT INTO `breakdown_issur`(`br_issue_number`, `date`, `linsman_name`) VALUES
('" + brlssurlID + "','" + date + "','" + linsman_name + "'");
            s.executeUpdate("INSERT INTO `breakdown_issues`(`breakdown_issur_br_issue_number`,
`breakdown_code`) VALUES ('" + brlssurlID + "','" + breakdownNo + "'");

            DefaultTableModel dsa = (DefaultTableModel) jTable1.getModel();
            for (int i = 0; i < jTable1.getRowCount(); i++) {
                String t1 = dsa.getValueAt(i, 0).toString();
                String t2 = dsa.getValueAt(i, 1).toString();
                String t3 = dsa.getValueAt(i, 2).toString();
                String t4 = dsa.getValueAt(i, 3).toString();
                String t5 = dsa.getValueAt(i, 4).toString();
                String t6 = dsa.getValueAt(i, 5).toString();

                s.executeUpdate("INSERT INTO `breakdown_item`(`breakdown_issur_br_issue_number`,
`item_item_code`, `qty`, `amount`, `description`) VALUES
('"+brlssurlID+"','"+t1+"','"+t5+"','"+t6+"','"+t2+"')");
            }
        }
    }
}

```

```

        JOptionPane.showMessageDialog(this, "Successful Entry");
    }
} catch (Exception e) {
    e.printStackTrace();
}
}

private void jComboBox2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JComboBox jComboBox1;
private javax.swing.JComboBox jComboBox2;
private com.toedter.calendar.JDateChooser jDateChooser1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel2;
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.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTable jTable1;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
// End of variables declaration

void searchBreakdownNo() {
    try {
        Statement s = DB.getcon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM `breakdown`");
        while (rs.next()) {
            jComboBox1.addItem(rs.getInt("code"));
        }
    } catch (Exception e) {
    }
}
}

```

```

void ItemNameLoad() {
    try {
        Statement s = DB.getcon().createStatement();
        ResultSet rs1 = s.executeQuery("SELECT * FROM `item`");
        while (rs1.next()) {
            jComboBox2.addItem(rs1.getString("name"));
        }
    } catch (Exception e) {
        e.printStackTrace();
    }
}

void setIssurID() {
    int issurNo = 1;

    try {
        Statement s = DB.getcon().createStatement();
        ResultSet rs = s.executeQuery("SELECT MAX(`br_issue_number`) as `maxid` FROM
`breakdown_issur`");
        while (rs.next()) {
            issurNo = rs.getInt("maxid");
            issurNo++;
        }

        jTextField1.setText(String.valueOf(issurNo));
    } catch (Exception e) {
    }

}
}
}

```

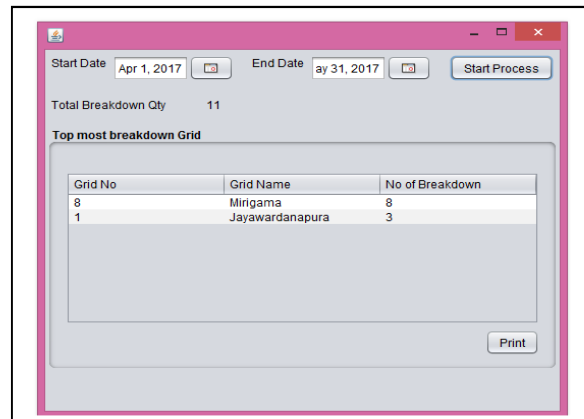
- 
- \*
    - \* To change this license header, choose License Headers in Project Properties.
    - \* To change this template file, choose Tools | Templates
    - \* and open the template in the editor.
  - \*/

package Report;

```

import static ceb.home.jLabel4;
import connection.DB;
import java.sql.ResultSet;
import java.sql.Statement;
import java.text.SimpleDateFormat;

```





```

import java.util.Date;
import java.util.Vector;
import javax.swing.table.DefaultTableModel;
import static pages.breakdown_reason.jTable1;

/**
 *
 * @author MyLaptop
 */
public class top_most_grid extends javax.swing.JFrame {

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

    /**
     * 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() {

        jDateChooser1 = new com.toedter.calendar.JDateChooser();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jDateChooser2 = new com.toedter.calendar.JDateChooser();
        jButton1 = new javax.swing.JButton();
        jPanel3 = new javax.swing.JPanel();
        jScrollPane2 = new javax.swing.JScrollPane();
        jTable2 = new javax.swing.JTable();
        jButton2 = new javax.swing.JButton();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

        jLabel1.setText("Start Date");

        jLabel2.setText("End Date");

        jButton1.setText("Start Process");

```

```

jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder("Top most breakdown
Grid"));

jTable2.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {

    },
    new String [] {
        "Grid No", "Grid Name", "No of Breakdown"
    }
));
jScrollPane2.setViewportView(jTable2);

jButton2.setText("Print");

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE)
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()
                .addGap(0, 0, Short.MAX_VALUE)
                .addComponent(jButton2)))
            .addGap(21, 21, 21)
            .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 167,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton2)
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE)
            .addGap(21, 21, 21)
            .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 167,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton2)
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);

```

```

);

jLabel3.setText("Total Breakdown Qty");

jLabel4.setText("jLabel4");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel2)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jDateChooser2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton1))
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 134,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel2)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jDateChooser2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton1))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1)
            .addComponent(jLabel2)
            .addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jDateChooser2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton1))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 134,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE))
);

```

```

        .addComponent(jDateChooser2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton1))
        .addGap(18, 18, 18)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel3)
        .addComponent(jLabel4))
        .addGap(17, 17, 17)
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(41, Short.MAX_VALUE))
    );

```

```

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    SimpleDateFormat sdf = new SimpleDateFormat("yyyy/MM/dd");
    Date d1 = jDateChooser1.getDate();
    String date1 = sdf.format(d1);
    Date d2 = jDateChooser2.getDate();
    String date2 = sdf.format(d2);

    String gridname = "";

    try {
        Statement s = DB.getcon().createStatement();
        Statement s2 = DB.getcon().createStatement();
        ResultSet rs = s.executeQuery("SELECT COUNT(`code`) as `brcount` from `breakdown`
where `date_time` BETWEEN '" + date1 + "' and '" + date2 + "'");

        while (rs.next()) {
            jLabel4.setText(rs.getString("brcount"));
        }

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

    try {
        DefaultTableModel td = (DefaultTableModel) jTable2.getModel();
        td.setRowCount(0);
        Statement s = DB.getcon().createStatement();
        Statement s1 = DB.getcon().createStatement();

```

```

        Statement s2 = DB.getcon().createStatement();
        ResultSet rsx = s.executeQuery(" SELECT DISTINCT `grid` FROM `breakdown` WHERE
`date_time` between '" + date1 + "' and '" + date2 + "'");
        while (rsx.next()) {
            Vector v = new Vector();
            gridname = rsx.getString("grid");
            ResultSet rex = s1.executeQuery("SELECT * FROM `grid_details` WHERE `name`='" +
gridname + "'");
            while (rex.next()) {
                v.add(rex.getString("grid_code"));
                v.add(rex.getString("name"));
                ResultSet ress = s2.executeQuery("SELECT COUNT(`grid`) as `dmgridcount` from
`breakdown` where `grid` = '" + gridname + "'");
                while(ress.next()){
                    v.add(ress.getString("dmgridcount"));
                }
            }
            td.addRow(v);
        }
    } catch (Exception e) {
        e.printStackTrace();
    }
}

/**
 * @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(top_most_grid.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
```

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

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

```
java.util.logging.Logger.getLogger(top_most_grid.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 top_most_grid().setVisible(true);
    }
});
}
```

```
// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private com.toedter.calendar.JDateChooser jDateChooser1;
private com.toedter.calendar.JDateChooser jDateChooser2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTable jTable2;
// End of variables declaration
}
```