Fundamentals of Programming

Final Project

Group Name: Avengers

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Project title: Pharmaceutical Management System

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Course Name and Number: Fundamentals of Programming

Instructor name: Indranil Roy

Project description:

This project is all about using a retail store to sell different items. Through this retail store, we sell different hospital equipment required for everyone. This database will record the medical gear utilized in hospitals. And we will also maintain the details of the stocks, buyers, and also customers. And we have to maintain the list of payments paid and pending.

Software tools:

Eclipse, Mysql, MySQL workbench

Programming languages:

Java

Program:

AddBuyerForm.java:

```
package WholeSaleManageMent;
import java.sql.Connection;
import java.sql.PreparedStatement;
import javax.swing.JOptionPane;
import java.text.SimpleDateFormat;
import java.util.Date;


/**
 *
 * @author Akanksha
 */
public class AddBuyerForm extends javax.swing.JFrame {
    Connection connection = Con.Con();
    PreparedStatement ps;

    /**
     * Creates new form AddBuyerForm
     */
    public AddBuyerForm() {
        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() {

        jLabel5 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        id = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        name = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        address = new javax.swing.JTextField();
```

```
jLabel7 = new javax.swing.JLabel();
stockId = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton1 = new javax.swing.JButton();

jLabel5.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel5.setText("Phone");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel1.setForeground(new java.awt.Color(102, 51, 255));
jLabel1.setText("WMS");

jLabel2.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
jLabel2.setForeground(new java.awt.Color(0, 0, 255));
jLabel2.setText("Add New Buyer");

jLabel6.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel6.setText("id");

jLabel3.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel3.setText("Name");

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

jLabel4.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel4.setText("Address");

jLabel7.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel7.setText("StockId");

jButton2.setBackground(new java.awt.Color(255, 204, 204));
jButton2.setForeground(new java.awt.Color(255, 51, 204));
jButton2.setText("Menu");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
```

```
        jButton3.setBackground(new java.awt.Color(255, 204, 204));
        jButton3.setForeground(new java.awt.Color(204, 51, 255));
        jButton3.setText("Main");
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton3ActionPerformed(evt);
            }
        });

        jButton1.setBackground(new java.awt.Color(255, 204, 204));
        jButton1.setForeground(new java.awt.Color(255, 51, 204));
        jButton1.setText("Add");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(25, 25, 25)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 169,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(83, 83, 83)
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 346,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(209, 209, 209)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                            .addGroup(layout.createSequentialGroup()
                                .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 94,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addGap(28, 28, 28))

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

```
                        .addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE, 63,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                        .addComponent(jLabel4,
javax.swing.GroupLayout.DEFAULT_SIZE, 91, Short.MAX_VALUE)
                        .addComponent(jLabel3,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE, 67,
javax.swing.GroupLayout.PREFERRED_SIZE))))
                    .addGap(0, 0, Short.MAX_VALUE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(65, 65, 65)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
84, javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(46, 46, 46)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                        .addComponent(id, javax.swing.GroupLayout.DEFAULT_SIZE,
198, Short.MAX_VALUE)
                        .addComponent(name)
                        .addComponent(address))
                    .addComponent(stockId,
javax.swing.GroupLayout.PREFERRED_SIZE, 198,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addContainerGap(202, Short.MAX_VALUE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
86, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(186, 186, 186))))
        );
        layout.setVerticalGroup(
```

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(33, 33, 33)
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(79, 79, 79)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(id, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(26, 26, 26)
                    .addComponent(name, javax.swing.GroupLayout.PREFERRED_SIZE,
44, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
44, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(address, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(13, 13, 13)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jLabel7)
                .addComponent(stockId, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(47, 47, 47)
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap(98, Short.MAX_VALUE))
        );

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

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

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

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

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        try{

            SimpleDateFormat formatter = new SimpleDateFormat("dd/MM/yyyy");
            Date date = new Date();

            ps = connection.prepareStatement("Insert into Buyers values(?,?,?,?,?)");
            ps.setString(1,id.getText());
            ps.setString(2,name.getText());
            ps.setString(3,stockId.getText());
            ps.setString(4,address.getText());
            ps.setString(5,formatter.format(date));
            ps.executeUpdate();
            JOptionPane.showMessageDialog(this,"Buyer Added");
```

```
            id.setText("");
            name.setText("");
            stockId.setText("");
            address.setText("");
        }
        catch(Exception e){
            System.out.println(e);
        }
    }

    /**
     * @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(AddBuyerForm.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(AddBuyerForm.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
```

```
        }
        //</editor-fold>

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

    // Variables declaration - do not modify
    private javax.swing.JTextField address;
    private javax.swing.JTextField id;
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
    private javax.swing.JLabel jLabel1;
    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.JTextField name;
    private javax.swing.JTextField stockId;
    // End of variables declaration
}
```

AddCustomerForm:

```
package WholeSaleManageMent;
import java.sql.Connection;
import java.sql.PreparedStatement;
import javax.swing.JOptionPane;
/**
 *
 * @author Akanksha
 */
public class AddCustomerForm extends javax.swing.JFrame {
Connection connection = Con.Con();
    PreparedStatement ps;

    /**
     * Creates new form AddCustomerForm
```

```
 */
public AddCustomerForm() {
    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() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    name = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    jTextField2 = new javax.swing.JTextField();
    jLabel5 = new javax.swing.JLabel();
    jTextField3 = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    id = new javax.swing.JTextField();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(102, 51, 255));
    jLabel1.setText("WMS");

    jLabel2.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(0, 0, 255));
    jLabel2.setText("Add New Customer");

    jLabel3.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel3.setText("Name");

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

```
        jLabel4.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
        jLabel4.setText("Address");

        jLabel5.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
        jLabel5.setText("Phone");

        jLabel6.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
        jLabel6.setText("id");

        jButton1.setBackground(new java.awt.Color(255, 204, 204));
        jButton1.setForeground(new java.awt.Color(255, 51, 204));
        jButton1.setText("Add");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        jButton2.setBackground(new java.awt.Color(255, 204, 204));
        jButton2.setForeground(new java.awt.Color(255, 51, 204));
        jButton2.setText("Menu");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });

        jButton3.setBackground(new java.awt.Color(255, 204, 204));
        jButton3.setForeground(new java.awt.Color(204, 51, 255));
        jButton3.setText("Main");
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton3ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new
    javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()

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

```
                .addGap(39, 39, 39)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(114, 114, 114)
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
346, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(layout.createSequentialGroup()
                .addGap(240, 240, 240)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                    .addComponent(jLabel4,
javax.swing.GroupLayout.DEFAULT_SIZE, 93, Short.MAX_VALUE)
                    .addComponent(jLabel3,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 63,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE, 57,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(83, 83, 83)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                    .addComponent(name)
                    .addComponent(jTextField2)
                    .addComponent(jTextField3)
                    .addComponent(id, javax.swing.GroupLayout.DEFAULT_SIZE, 98,
Short.MAX_VALUE))))
            .addContainerGap(284, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
            .addGap(65, 65, 65)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(26, 26, 26)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 94,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 86,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
            .addGap(222, 222, 222))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(layout.createSequentialGroup()
                            .addGap(31, 31, 31)
                            .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(layout.createSequentialGroup()
                            .addGap(78, 78, 78)
                            .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 61,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                    .addGap(18, 18, 18)
                    .addComponent(id, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(165, 165, 165)
                    .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE,
37, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(name, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

```
                    .addGap(34, 34, 34)
                    .addComponent(jLabel5))
                .addGroup(layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
40, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(116, 116, 116))
        );

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

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

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

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

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        try{

            ps = connection.prepareStatement("Insert into Customers values(?,?,?,?)");
            ps.setString(1,id.getText());
```

```
            ps.setString(2,name.getText());
            ps.setString(3,jTextField2.getText());
            ps.setString(4,jTextField3.getText());

            ps.executeUpdate();
            JOptionPane.showMessageDialog(this,"Customer Added");
            id.setText("");
            name.setText("");
            jTextField3.setText("");
            jTextField2.setText("");
        }
        catch(Exception e){
           System.out.println(e);
        }
    }

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

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

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

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

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

    // Variables declaration - do not modify
    private javax.swing.JTextField id;
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
    private javax.swing.JLabel jLabel1;
    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.JTextField jTextField2;
    private javax.swing.JTextField jTextField3;
    private javax.swing.JTextField name;
    // End of variables declaration
}
```

AddStocksForm:

```
package WholeSaleManageMent;
import java.sql.Connection;
import java.sql.PreparedStatement;
import javax.swing.JOptionPane;


/**
 *
```

```
 * @author Mallika
 */
public class AddStocksForm extends javax.swing.JFrame {
    Connection connection = Con.Con();
    PreparedStatement ps;

    /**
     * Creates new form AddStocksForm
     */
    public AddStocksForm() {
        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() {

        id = new javax.swing.JTextField();
        address = new javax.swing.JTextField();
        jButton3 = new javax.swing.JButton();
        jLabel7 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        id1 = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        name = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        quantity = new javax.swing.JTextField();
        jButton2 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jButton1 = new javax.swing.JButton();
        jLabel5 = new javax.swing.JLabel();
        ppq = new javax.swing.JTextField();
        jLabel8 = new javax.swing.JLabel();

        jButton3.setBackground(new java.awt.Color(255, 204, 204));
        jButton3.setForeground(new java.awt.Color(204, 51, 255));
        jButton3.setText("Main");
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
        jButton3ActionPerformed(evt);
    }
});

jLabel7.setText("jLabel7");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel1.setForeground(new java.awt.Color(102, 51, 255));
jLabel1.setText("WMS");

jLabel2.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
jLabel2.setForeground(new java.awt.Color(0, 0, 255));
jLabel2.setText("Add New Stock");

jLabel6.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel6.setText("id");

jLabel3.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel3.setText("Name");

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

jLabel4.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel4.setText("Quantity");

jButton2.setBackground(new java.awt.Color(255, 204, 204));
jButton2.setForeground(new java.awt.Color(255, 51, 204));
jButton2.setText("Menu");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton4.setBackground(new java.awt.Color(255, 204, 204));
jButton4.setForeground(new java.awt.Color(204, 51, 255));
jButton4.setText("Main");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
```

```
        }
    });

    jButton1.setBackground(new java.awt.Color(255, 204, 204));
    jButton1.setForeground(new java.awt.Color(255, 51, 204));
    jButton1.setText("Add");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jLabel5.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel5.setText("Price Per Qunatity");

    jLabel8.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel8.setText("$");

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(38, 38, 38)
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(81, 81, 81)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
346, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(252, 252, 252)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                                .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE, 67,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
                        .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 92,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel4,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel5,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                    .addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                        .addComponent(name)
                        .addComponent(id1)
                        .addComponent(quantity)
                        .addComponent(ppq, javax.swing.GroupLayout.DEFAULT_SIZE,
145, Short.MAX_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(jLabel8))
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE, 94,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(220, 220, 220)
                        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 86,
javax.swing.GroupLayout.PREFERRED_SIZE))))
                .addGroup(layout.createSequentialGroup()
                    .addGap(81, 81, 81)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
84, javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addContainerGap(300, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(42, 42, 42)
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(96, 96, 96)
```

```
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGap(25, 25, 25)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                    .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(id1, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(name, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(14, 14, 14)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                    .addComponent(quantity, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(ppq, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
53, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
            .addGap(92, 92, 92))
    );

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

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

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

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

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.setVisible(false);
    new MainPage().setVisible(true);
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try{
        int price = Integer.valueOf(quantity.getText())*Integer.valueOf(ppq.getText());
        ps = connection.prepareStatement("Insert into Stocks values(?,?,?,?,?)");
        ps.setString(1,id.getText());
        ps.setString(2,name.getText());
        ps.setString(3,quantity.getText());
        ps.setString(4,ppq.getText());
        ps.setString(5,String.valueOf(price));




        ps.executeUpdate();
        JOptionPane.showMessageDialog(this,"Stocks Added to the inventory.");
        id.setText("");
        name.setText("");
```

```
            quantity.setText("");
        }
        catch(Exception e){
            System.out.println(e);
        }
    }

    /**
     * @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(AddStocksForm.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

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

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

    // Variables declaration - do not modify
    private javax.swing.JTextField address;
    private javax.swing.JTextField id;
    private javax.swing.JTextField id1;
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
    private javax.swing.JButton jButton4;
    private javax.swing.JLabel jLabel1;
    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.JTextField name;
    private javax.swing.JTextField ppq;
    private javax.swing.JTextField quantity;
    // End of variables declaration
}
```

BuyStocksForm:

```
package WholeSaleManageMent;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.text.SimpleDateFormat;
import java.util.Date;
import javax.swing.JOptionPane;

/**
 *
 * @author Mallika
 */
```

```
public class BuyStocksForm extends javax.swing.JFrame {
    Connection connection = Con.Con();
    PreparedStatement ps;

    /**
     * Creates new form BuyStocksForm
     */
    public BuyStocksForm() {
        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() {

        jButton2 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        stockId = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        quantity = new javax.swing.JTextField();
        jButton4 = new javax.swing.JButton();
        jButton5 = new javax.swing.JButton();
        jLabel5 = new javax.swing.JLabel();
        buyerId = new javax.swing.JTextField();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jButton2.setBackground(new java.awt.Color(255, 204, 204));
        jButton2.setForeground(new java.awt.Color(255, 51, 204));
        jButton2.setText("Menu");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });

        jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
        jLabel2.setForeground(new java.awt.Color(102, 51, 255));
```

```
jLabel2.setText("WMS");

jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 0, 255));
jLabel3.setText("Buy Stocks");

jLabel1.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel1.setText("StockId");

stockId.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        stockIdKeyPressed(evt);
    }
});

jLabel4.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel4.setText("Quantity");

quantity.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        quantityKeyPressed(evt);
    }
});

jButton4.setBackground(new java.awt.Color(255, 204, 204));
jButton4.setForeground(new java.awt.Color(255, 51, 204));
jButton4.setText("Hit List");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jButton5.setBackground(new java.awt.Color(255, 204, 204));
jButton5.setForeground(new java.awt.Color(255, 51, 204));
jButton5.setText("Buy");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

jLabel5.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel5.setText("BuyerId");
```

```
        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(30, 30, 30)
                        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(127, 127, 127)
                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
346, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(124, 124, 124)
                        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
84, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(52, 52, 52)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addGroup(layout.createSequentialGroup()
                                .addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addGap(230, 230, 230)
                                .addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                    .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 103,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
                                            .addComponent(jLabel5,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                            .addComponent(jLabel1,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 74, Short.MAX_VALUE)))
```

```
                        .addGap(66, 66, 66)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                            .addComponent(stockId)
                            .addComponent(quantity)
                            .addComponent(buyerId,
javax.swing.GroupLayout.DEFAULT_SIZE, 117, Short.MAX_VALUE))))))
            .addContainerGap(323, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                .addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(181, 181, 181))
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(29, 29, 29)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                            .addComponent(stockId,
javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                            .addComponent(jLabel5)
                            .addComponent(buyerId,
javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGap(26, 26, 26)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel4, javax.swing.GroupLayout.Alignment.TRAILING)
```

```
                .addComponent(quantity, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
66, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(151, 151, 151))
        );

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

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

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.setVisible(false);
        new HitListStocksTable().setVisible(true);

    }
  private void updateStocksCollection(){
        try{
           String sql = "select * from Stocks where stockId = ?";
            ps = connection.prepareStatement(sql);
            ps.setString(1,stockId.getText());
            ResultSet rs = ps.executeQuery();
            while(rs.next()){
               int original = Integer.valueOf(rs.getString("quantity"));
               int hereQuantity = Integer.valueOf(quantity.getText());
               int total = original + hereQuantity;
               String t = String.valueOf(total);
                 ps = connection.prepareStatement("Update Stocks set quantity = ? where
stockId = ?");
             ps.setString(1, t);
```

```
            ps.setString(2,stockId.getText());
            ps.executeUpdate();
           }
      }
      catch(Exception e){

      }
  }

private int getCostOfAStock(){
    int price = 0;
     try{
         String sql = "select * from Stocks where stockId = ?";
          ps = connection.prepareStatement(sql);
          ps.setString(1,stockId.getText());

          ResultSet rs = ps.executeQuery();
          while(rs.next()){
             price = Integer.valueOf(rs.getString("pricePerQuatity"));
             System.out.println(price);
          }
      }
      catch(Exception e){

      }

    return Integer.valueOf(quantity.getText())*price;
}

  private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
      // TODO add your handling code here:

    try{

          String s = String.valueOf(this.getCostOfAStock());
          SimpleDateFormat formatter = new SimpleDateFormat("dd-MM-yyyy");
          Date date = new Date();
          ps = connection.prepareStatement("Insert into buyerPayments values(?,?,?,?,?)");
          ps.setString(1,buyerId.getText());
          ps.setString(2,stockId.getText());
          ps.setString(3,quantity.getText());
          ps.setString(4,formatter.format(date));
          ps.setString(5,s);
          ps.executeUpdate();
          this.updateStocksCollection();
          JOptionPane.showMessageDialog(this,"Item Brought Inventory Updated.");
```

```
            stockId.setText("");
            buyerId.setText("");
            quantity.setText("");
            }
        catch(Exception e){
            System.out.println(e);
        }

    }

    private void stockIdKeyPressed(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:

    }

    private void quantityKeyPressed(java.awt.event.KeyEvent 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(BuyStocksForm.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
```

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

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

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

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

    // Variables declaration - do not modify
    private javax.swing.JTextField buyerId;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton4;
    private javax.swing.JButton jButton5;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JTextField quantity;
    private javax.swing.JTextField stockId;
    // End of variables declaration
}
```

GetPaidCustomers.java

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this
template
 */
package WholeSaleManageMent;
```

```
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.table.DefaultTableModel;

/**
 *
 * @author PushpaPriya
 */
public class GetPaidCustomers extends javax.swing.JFrame {
Connection connection = Con.Con();
       PreparedStatement ps;
   /**
   /**
    * Creates new form GetPaidCustomers
    */
   public GetPaidCustomers() {
      initComponents();
      table_update();
   }
   private void table_update(){
       try {
          String sql = "select c.customerId, cs.customerName from customerPayments as c
inner join Customers as cs on c.customerId = cs.customerId  where c.paymentStatus =
true";
          ps = connection.prepareStatement(sql);

          ResultSet rs = ps.executeQuery();
          ResultSetMetaData rss = rs.getMetaData();
          int c = rss.getColumnCount();
          DefaultTableModel df = (DefaultTableModel)jTable1.getModel();
          df.setRowCount(0);

          while(rs.next()){
             Vector vs = new Vector();
             for (int i = 0; i < c; i++) {
                vs.add(rs.getString("customerId"));
                vs.add(rs.getString("customerName"));


             }
```

```
            df.addRow(vs );

        }



    } catch (SQLException ex) {
        System.out.println(ex);
        System.out.println("Paid");

    }
}
/**
 * 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() {

    jLabel3 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jButton2 = new javax.swing.JButton();
    jLabel4 = new javax.swing.JLabel();

    jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
    jLabel3.setForeground(new java.awt.Color(0, 0, 255));
    jLabel3.setText("Buy Stocks");

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(102, 51, 255));
    jLabel2.setText("WMS");

    jTable1.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {
            {null, null},
            {null, null},
            {null, null},
            {null, null}
        },
        new String [] {
```

```
            "Customer Id", "Customer Name"
        }
    ));
    jScrollPane1.setViewportView(jTable1);

    jButton2.setBackground(new java.awt.Color(255, 204, 204));
    jButton2.setForeground(new java.awt.Color(255, 51, 204));
    jButton2.setText("Menu");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    jLabel4.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
    jLabel4.setForeground(new java.awt.Color(0, 0, 255));
    jLabel4.setText("Bill Paid Customers");

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addContainerGap()
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
84, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(12, 12, 12)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(77, 77, 77)
                    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 439,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(135, 135, 135)
```

```
                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,
346, javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addContainerGap(358, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(37, 37, 37)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addContainerGap(19, Short.MAX_VALUE)
                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(10, 10, 10)))
                .addGap(32, 32, 32))
        );

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

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

    /**
     * @param args the command line arguments
     */
```

```
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional)
">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look
and feel.
         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

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

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

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

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

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

    // Variables declaration - do not modify
    private javax.swing.JButton jButton2;
```

```
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JScrollPane jScrollPane1;
    private javax.swing.JTable jTable1;
    // End of variables declaration
}
```

GetUnpaidCustomers:

```
package WholeSaleManageMent;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.table.DefaultTableModel;
/**
 *
 * @author PushpaPriya
 */
public class GetUnPaidCustomers extends javax.swing.JFrame {
Connection connection = Con.Con();
       PreparedStatement ps;
    /**
    /**
     * Creates new form GetUnPaidCustomers
     */
    public GetUnPaidCustomers() {
        initComponents();
        table_update();
    }

    private void table_update(){
         try {
             String sql = "select c.customerId, cs.customerName from customerPayments as c
inner join Customers as cs on c.customerId = cs.customerId  where c.paymentStatus =
false";
             ps = connection.prepareStatement(sql);

             ResultSet rs = ps.executeQuery();
             ResultSetMetaData rss = rs.getMetaData();
```

```
        int c = rss.getColumnCount();
        DefaultTableModel df = (DefaultTableModel)jTable1.getModel();
        df.setRowCount(0);

        while(rs.next()){
            Vector vs = new Vector();
            for (int i = 0; i < c; i++) {
                vs.add(rs.getString("customerId"));
                vs.add(rs.getString("customerName"));


            }
            df.addRow(vs );

        }



    } catch (SQLException ex) {
        System.out.println("e");

    }
}
/**
 * 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() {

    jLabel2 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jButton2 = new javax.swing.JButton();
    jLabel3 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(102, 51, 255));
    jLabel2.setText("WMS");

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

```
            {null, null},
            {null, null},
            {null, null},
            {null, null}
        },
        new String [] {
            "Customer Id", "Customer Name"
        }
    ));
    jScrollPane1.setViewportView(jTable1);

    jButton2.setBackground(new java.awt.Color(255, 204, 204));
    jButton2.setForeground(new java.awt.Color(255, 51, 204));
    jButton2.setText("Menu");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
    jLabel3.setForeground(new java.awt.Color(0, 0, 255));
    jLabel3.setText("Bill UnPaid Customers");

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(142, 142, 142)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
84, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(124, 124, 124)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
346, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
                .addGroup(layout.createSequentialGroup()
                    .addGap(65, 65, 65)
                    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(217, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(37, 37, 37)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(385, 385, 385)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(52, 52, 52))
        );

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

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
```

```
        this.setVisible(false);
        new MenuForm().setVisible(true);
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional)
">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look
and feel.
         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(GetUnPaidCustomers.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

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

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
```

```
            new GetUnPaidCustomers().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
// End of variables declaration
}
```

HitListStocks:

```
package WholeSaleManageMent;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.table.DefaultTableModel;

/**
 *
 * @author Sai
 */
public class HitListStocksTable extends javax.swing.JFrame {
    Connection connection = Con.Con();
      PreparedStatement ps;

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

    private void table_update(){
       try {
```

```
        String sql = "select * from Stocks where quantity < 10";
        ps = connection.prepareStatement(sql);
        ResultSet rs = ps.executeQuery();
        ResultSetMetaData rss = rs.getMetaData();
        int c = rss.getColumnCount();
        DefaultTableModel df = (DefaultTableModel)jTable1.getModel();
        df.setRowCount(0);

        while(rs.next()){
            Vector vs = new Vector();
            for (int i = 0; i < c; i++) {
                vs.add(rs.getString("name"));
                vs.add(rs.getString("stockId"));
                vs.add(rs.getString("quantity"));

            }
            df.addRow(vs );

        }



    } catch (SQLException ex) {
        System.out.println(ex);

    }
}

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

    jButton2 = new javax.swing.JButton();
    jButton9 = new javax.swing.JButton();
    jLabel2 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jLabel3 = new javax.swing.JLabel();

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

```
        jButton2.setBackground(new java.awt.Color(255, 204, 204));
        jButton2.setForeground(new java.awt.Color(255, 51, 204));
        jButton2.setText("Menu");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });

        jButton9.setBackground(new java.awt.Color(102, 153, 255));
        jButton9.setForeground(new java.awt.Color(255, 255, 255));
        jButton9.setText("Buy Stocks");
        jButton9.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton9ActionPerformed(evt);
            }
        });

        jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
        jLabel2.setForeground(new java.awt.Color(102, 51, 255));
        jLabel2.setText("WMS");

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

            },
            new String [] {
                "Name", "Stockid", "Quantity"
            }
        ));
        jTable1.setEnabled(false);
        jTable1.setIntercellSpacing(new java.awt.Dimension(1, 1));
        jScrollPane1.setViewportView(jTable1);

        jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
        jLabel3.setForeground(new java.awt.Color(0, 0, 255));
        jLabel3.setText("HitList Stocks");

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(50, 50, 50)
```

```
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton9, javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
               .addGroup(layout.createSequentialGroup()
                  .addGap(35, 35, 35)
                  .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 157,
Short.MAX_VALUE)
                  .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
346, javax.swing.GroupLayout.PREFERRED_SIZE))
               .addGroup(layout.createSequentialGroup()
                  .addGap(0, 0, Short.MAX_VALUE)
                  .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(245, 245, 245))
      );
      layout.setVerticalGroup(
         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addGroup(layout.createSequentialGroup()
                  .addGap(45, 45, 45)
                  .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
               .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                  .addContainerGap(32, Short.MAX_VALUE)
                  .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
                    .addGap(29, 29, 29)
                    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 343,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(44, 44, 44)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton9, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(40, 40, 40))
        );

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

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

    private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.setVisible(false);
        new BuyStocksForm().setVisible(true);
    }

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

```
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

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

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

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

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

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

// Variables declaration - do not modify
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton9;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
// End of variables declaration
}
```

MainPage.java

```
package WholeSaleManageMent;

/**
```

```
 *
 * @author Sai
 */
public class MainPage extends javax.swing.JFrame {

    /**
     * Creates new form MainPage
     */
    public MainPage() {
        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() {

        jLabel1 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton5 = new javax.swing.JButton();
        jLabel3 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
        jLabel1.setForeground(new java.awt.Color(102, 51, 255));
        jLabel1.setText("Wholesale Management System");

        jButton1.setBackground(new java.awt.Color(102, 153, 255));
        jButton1.setForeground(new java.awt.Color(255, 255, 255));
        jButton1.setText("Add Customer");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
        jLabel2.setForeground(new java.awt.Color(255, 102, 102));
```

```
        jLabel2.setText("Main Page");

        jButton2.setBackground(new java.awt.Color(102, 153, 255));
        jButton2.setForeground(new java.awt.Color(255, 255, 255));
        jButton2.setText("Add buyer");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });

        jButton3.setBackground(new java.awt.Color(102, 153, 255));
        jButton3.setForeground(new java.awt.Color(255, 255, 255));
        jButton3.setText("Menu");
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton3ActionPerformed(evt);
            }
        });

        jButton5.setBackground(new java.awt.Color(102, 153, 255));
        jButton5.setForeground(new java.awt.Color(255, 255, 255));
        jButton5.setText("Add Stocks");
        jButton5.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton5ActionPerformed(evt);
            }
        });

        jLabel3.setFont(new java.awt.Font("Times New Roman", 2, 14)); // NOI18N
        jLabel3.setForeground(new java.awt.Color(102, 102, 255));
        jLabel3.setText("The most beautiful thing you can wear is confidence");

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(137, 137, 137)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(115, 115, 115)

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

```
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
158, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
133, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
133, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(105, 105, 105)
                    .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
133, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(196, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
426, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(225, 225, 225))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
319, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(302, 302, 302))))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(22, 22, 22)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(61, 61, 61)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
                .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(64, 64, 64)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
117, Short.MAX_VALUE)
            .addComponent(jLabel3)
            .addGap(73, 73, 73))
        );

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

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.setVisible(false);
        new AddCustomerForm().setVisible(true);
    }

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

    private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:.
        this.setVisible(false);
        new AddStocksForm().setVisible(true);
    }

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

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional)
">
```

```
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look
and feel.
         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(MainPage.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(MainPage.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(MainPage.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(MainPage.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        }
        //</editor-fold>

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

    // Variables declaration - do not modify
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
    private javax.swing.JButton jButton5;
    private javax.swing.JLabel jLabel1;
```

```
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    // End of variables declaration
}
```

MenuForm.java

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this
template
 */
package WholeSaleManageMent;
import java.text.SimpleDateFormat;
import java.util.Date;

/**
 *
 * @author Balaji
 */
public class MenuForm extends javax.swing.JFrame {

    /**
     * Creates new form MenuForm
     */
    public MenuForm() {
        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() {

        jLabel1 = new javax.swing.JLabel();
        jButton7 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jButton5 = new javax.swing.JButton();
        jButton6 = new javax.swing.JButton();
```

```
jButton8 = new javax.swing.JButton();
jButton9 = new javax.swing.JButton();
jButton10 = new javax.swing.JButton();

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel1.setForeground(new java.awt.Color(102, 51, 255));
jLabel1.setText("WMS");

jButton7.setBackground(new java.awt.Color(102, 153, 255));
jButton7.setForeground(new java.awt.Color(255, 255, 255));
jButton7.setText("Add Customer");
jButton7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton7ActionPerformed(evt);
    }
});

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jButton4.setBackground(new java.awt.Color(255, 204, 204));
jButton4.setForeground(new java.awt.Color(204, 51, 255));
jButton4.setText("Main");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(102, 51, 255));
jLabel2.setText("WMS");

jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 0, 255));
jLabel3.setText("Menu Page");

jButton5.setBackground(new java.awt.Color(102, 153, 255));
jButton5.setForeground(new java.awt.Color(255, 255, 255));
jButton5.setText("Sell Stocks");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

jButton6.setBackground(new java.awt.Color(102, 153, 255));
```

```
        jButton6.setForeground(new java.awt.Color(255, 255, 255));
        jButton6.setText("Get Unpaid Customers");
        jButton6.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton6ActionPerformed(evt);
            }
        });

        jButton8.setBackground(new java.awt.Color(102, 153, 255));
        jButton8.setForeground(new java.awt.Color(255, 255, 255));
        jButton8.setText("Get Paid Customers");
        jButton8.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton8ActionPerformed(evt);
            }
        });

        jButton9.setBackground(new java.awt.Color(102, 153, 255));
        jButton9.setForeground(new java.awt.Color(255, 255, 255));
        jButton9.setText("Buy Stocks");
        jButton9.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton9ActionPerformed(evt);
            }
        });

        jButton10.setBackground(new java.awt.Color(102, 153, 255));
        jButton10.setForeground(new java.awt.Color(255, 255, 255));
        jButton10.setText("Get Report");
        jButton10.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton10ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(26, 26, 26)
```

```
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(139, 139, 139)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
346, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(217, 217, 217)
                    .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE,
94, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(182, 182, 182)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(jButton9,
javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(57, 57, 57)
                            .addComponent(jButton10,
javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(62, 62, 62)
                            .addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE, 194,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(78, 78, 78)
                            .addComponent(jButton8,
javax.swing.GroupLayout.PREFERRED_SIZE, 178,
javax.swing.GroupLayout.PREFERRED_SIZE)))))
                .addContainerGap(252, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(38, 38, 38)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                    .addComponent(jButton9,
javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButton10,
javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGroup(layout.createSequentialGroup()
                    .addContainerGap()
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
94, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton8, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(47, 47, 47)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(196, 196, 196))
        );

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

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.setVisible(false);
        new MainPage().setVisible(true);
    }

    private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.setVisible(false);
        new SellStocksForm().setVisible(true);
```

```
    }

    private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
         this.setVisible(false);
        new GetUnPaidCustomers().setVisible(true);
    }

    private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
         this.setVisible(false);
        new GetPaidCustomers().setVisible(true);
    }

    private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.setVisible(false);
        new BuyStocksForm().setVisible(true);
    }

    private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.setVisible(false);
        new ReportForm().setVisible(true);
    }

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

```
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(MenuForm.class.getName()).log(java.util.logging.Le
vel.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(MenuForm.class.getName()).log(java.util.logging.Le
vel.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(MenuForm.class.getName()).log(java.util.logging.Le
vel.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(MenuForm.class.getName()).log(java.util.logging.Le
vel.SEVERE, null, ex);
    }
    //</editor-fold>

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

// Variables declaration - do not modify
private javax.swing.JButton jButton10;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JButton jButton7;
private javax.swing.JButton jButton8;
private javax.swing.JButton jButton9;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
// End of variables declaration
}
```

ReportForm.java

```
package WholeSaleManageMent;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.text.SimpleDateFormat;
import java.util.Calendar;
import java.util.Date;
import java.util.Formatter;

/**
 *
 * @author Balaji
 */
public class ReportForm extends javax.swing.JFrame {
    Connection connection = Con.Con();
    PreparedStatement ps;

    /**
     * Creates new form ReportForm
     */
    public ReportForm() {
        initComponents();
        this.getprofit();
    }


    /**
     * 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() {

        jLabel4 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        jLabel8 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        buyingCost = new javax.swing.JTextField();
        jButton2 = new javax.swing.JButton();
```

```
jLabel5 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
monthName = new javax.swing.JTextField();
pr1 = new javax.swing.JTextField();
sellingCost = new javax.swing.JTextField();
jLabel9 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();

jLabel4.setText("jLabel4");

jLabel6.setFont(new java.awt.Font("Helvetica Neue", 2, 18)); // NOI18N
jLabel6.setForeground(new java.awt.Color(51, 51, 255));
jLabel6.setText("The Profit earned during this month is ");

jLabel8.setText("jLabel8");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(102, 51, 255));
jLabel2.setText("WMS");

jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 0, 255));
jLabel3.setText("Report ");

jLabel1.setFont(new java.awt.Font("Helvetica Neue", 2, 18)); // NOI18N
jLabel1.setForeground(new java.awt.Color(51, 51, 255));
jLabel1.setText("The Profit earned during this month is ");

buyingCost.setEditable(false);
buyingCost.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
buyingCost.setForeground(new java.awt.Color(255, 0, 153));
buyingCost.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        buyingCostActionPerformed(evt);
    }
});

jButton2.setBackground(new java.awt.Color(255, 204, 204));
jButton2.setForeground(new java.awt.Color(255, 51, 204));
jButton2.setText("Menu");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
```

```
        }
    });

    jLabel5.setFont(new java.awt.Font("Helvetica Neue", 2, 18)); // NOI18N
    jLabel5.setForeground(new java.awt.Color(51, 51, 255));
    jLabel5.setText("The Selling Cost of this month is ");

    jLabel7.setFont(new java.awt.Font("Helvetica Neue", 2, 18)); // NOI18N
    jLabel7.setForeground(new java.awt.Color(51, 51, 255));
    jLabel7.setText("The Buying Cost of this Month is ");

    monthName.setEditable(false);
    monthName.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    monthName.setForeground(new java.awt.Color(51, 51, 255));

    pr1.setEditable(false);
    pr1.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    pr1.setForeground(new java.awt.Color(255, 0, 153));
    pr1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            pr1ActionPerformed(evt);
        }
    });

    sellingCost.setEditable(false);
    sellingCost.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    sellingCost.setForeground(new java.awt.Color(255, 0, 153));
    sellingCost.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            sellingCostActionPerformed(evt);
        }
    });

    jLabel9.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel9.setText("$");

    jLabel10.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel10.setText("$");

    jLabel11.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel11.setText("$");

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

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
169, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(110, 110, 110)
                    .addComponent(monthName,
javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(39, 39, 39)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE,
164, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(137, 137, 137)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
                                    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                                        .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 311,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                        .addComponent(sellingCost,
javax.swing.GroupLayout.PREFERRED_SIZE, 153,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                                        .addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE, 311,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                        .addGap(47, 47, 47)
```

```
                                    .addComponent(buyingCost,
javax.swing.GroupLayout.PREFERRED_SIZE, 153,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                                .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 311,
javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                .addComponent(jLabel11)
                                .addComponent(jLabel9)
                                .addComponent(jLabel10))))))
                .addContainerGap(276, Short.MAX_VALUE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addContainerGap(493, Short.MAX_VALUE)
                    .addComponent(pr1, javax.swing.GroupLayout.PREFERRED_SIZE, 153,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(306, 306, 306)))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(40, 40, 40)
                        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(84, 84, 84)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                            .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 61,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(monthName,
javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))))

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

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE,
103, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(sellingCost, javax.swing.GroupLayout.PREFERRED_SIZE,
49, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel9))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE,
103, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(buyingCost,
javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel10))

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
103, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(56, 56, 56)
                    .addComponent(jLabel11)))
            .addGap(18, 18, 18)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(115, 115, 115))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                .addContainerGap(411, Short.MAX_VALUE)
                .addComponent(pr1, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(191, 191, 191)))
        );

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

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

```
        // TODO add your handling code here:
        this.setVisible(false);
        new MenuForm().setVisible(true);
    }

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

    private void pr1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void sellingCostActionPerformed(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(ReportForm.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(ReportForm.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
        }
        //</editor-fold>

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

    // Variables declaration - do not modify
    private javax.swing.JTextField buyingCost;
    private javax.swing.JButton jButton2;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel10;
    private javax.swing.JLabel jLabel11;
    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.JTextField monthName;
    private javax.swing.JTextField pr1;
    private javax.swing.JTextField sellingCost;
    // End of variables declaration

int bCost = 0;
int sCost = 0;

    private void BuyingCost(){

        SimpleDateFormat formatter = new SimpleDateFormat("dd-MM-yyyy");
            Date date = new Date();
            String d = formatter.format(date).split("-")[1];
            try{
```

```
        String sql = "select * from buyerPayments";
         ps = connection.prepareStatement(sql);
         ResultSet rs = ps.executeQuery();
         while(rs.next()){

            String foundedD = rs.getString("dateOfpayment");
            String s2 = foundedD.split("-")[1];
            if(d.equals(s2)){
               bCost += Integer.valueOf(rs.getString("totalCost"));
            }
         }}
        catch(Exception ex){
        }
        buyingCost.setText(String.valueOf(bCost));
}

private void SellingCost(){
   SimpleDateFormat formatter = new SimpleDateFormat("dd-MM-yyyy");
        Date date = new Date();
        String d = formatter.format(date).split("-")[1];
        try{
        String sql = "select * from customerPayments";
         ps = connection.prepareStatement(sql);
         ResultSet rs = ps.executeQuery();
         while(rs.next()){
            String foundedD = rs.getString("dateOfPayment");
            String s2 = foundedD.split("-")[1];
            if(d.equals(s2)){
               sCost += Integer.valueOf(rs.getString("totalCost"));

            }
         }}
        catch(Exception ex){
        }
        sellingCost.setText(String.valueOf(sCost));
}

private void getprofit() {
   int profit = 0;

   this.BuyingCost();
   this.SellingCost();
   profit = sCost - bCost;
   String p = String.valueOf(profit);
   pr1.setText(p);
   Formatter fmt = new Formatter();
```

```
        Calendar cal = Calendar.getInstance();
        fmt = new Formatter();
        fmt.format("%tB",cal);
        monthName.setText( String.valueOf(fmt)+"'s" );


    }
}
```

SellStocks.java

```
package WholeSaleManageMent;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.text.SimpleDateFormat;
import java.util.Date;
import javax.swing.JOptionPane;

/**
 *
 * @author Balaji
 */
public class SellStocksForm extends javax.swing.JFrame {
Connection connection = Con.Con();
    PreparedStatement ps;
    /**
     * Creates new form SellStocksForm
     */
    public SellStocksForm() {
        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() {

        jLabel3 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
```

```
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jButton2 = new javax.swing.JButton();
jButton5 = new javax.swing.JButton();
stockId = new javax.swing.JTextField();
quantity = new javax.swing.JTextField();
customerId = new javax.swing.JTextField();
jLabel6 = new javax.swing.JLabel();
ppq = new javax.swing.JTextField();
box = new javax.swing.JCheckBox();
jLabel7 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 36)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 0, 255));
jLabel3.setText("Sell Stocks");

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(102, 51, 255));
jLabel2.setText("WMS");

jLabel1.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel1.setText("StockId");

jLabel4.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel4.setText("Quantity");

jLabel5.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
jLabel5.setText("CustomerId");

jButton2.setBackground(new java.awt.Color(255, 204, 204));
jButton2.setForeground(new java.awt.Color(255, 51, 204));
jButton2.setText("Menu");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton5.setBackground(new java.awt.Color(255, 204, 204));
jButton5.setForeground(new java.awt.Color(255, 51, 204));
jButton5.setText("Sell");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
```

```
        }
    });

    stockId.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N

    quantity.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N

    customerId.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N

    jLabel6.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel6.setText("Price Per Qunatity");

    ppq.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N

    box.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    box.setText("Yes");
    box.addItemListener(new java.awt.event.ItemListener() {
        public void itemStateChanged(java.awt.event.ItemEvent evt) {
            boxItemStateChanged(evt);
        }
    });
    box.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            boxActionPerformed(evt);
        }
    });

    jLabel7.setFont(new java.awt.Font("Helvetica Neue", 0, 18)); // NOI18N
    jLabel7.setText("Payment Recieved");

    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()
            .addGap(21, 21, 21)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 169,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 346,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(281, 281, 281))
        .addGroup(layout.createSequentialGroup()
```

```
            .addGap(214, 214, 214)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,
103, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(quantity, javax.swing.GroupLayout.PREFERRED_SIZE,
137, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
74, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(stockId, javax.swing.GroupLayout.PREFERRED_SIZE,
137, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 103,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE, 162,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel7))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 26,
Short.MAX_VALUE)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(customerId,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 137,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(ppq,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 137,
javax.swing.GroupLayout.PREFERRED_SIZE)))))
```

```
            .addGap(413, 413, 413))
         .addGroup(layout.createSequentialGroup()
            .addGap(122, 122, 122)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(316, 316, 316)
            .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
      );
      layout.setVerticalGroup(
         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
         .addGroup(layout.createSequentialGroup()
            .addGap(44, 44, 44)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                     .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)
                     .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 61,
javax.swing.GroupLayout.PREFERRED_SIZE))
                  .addGap(46, 46, 46)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                     .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                     .addComponent(stockId,
javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
                  .addGap(30, 30, 30)
                  .addComponent(jLabel4))
               .addComponent(quantity, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(17, 17, 17)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
               .addComponent(jLabel5)
               .addComponent(customerId, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(ppq, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(41, 41, 41)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel7)
                .addComponent(box))
            .addGap(21, 21, 21)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(88, 88, 88))
        );

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

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

    private boolean  customerPaymentPending(String custid){
        try{
            String sql = "select * from customerPayments where customerId = ?";
             ps = connection.prepareStatement(sql);
             ps.setString(1,custid);
             ResultSet rs = ps.executeQuery();
             while(rs.next()){
                System.out.println();
                boolean  value = Boolean.valueOf(rs.getString("paymentStatus"));
                System.out.println(value);
                if(value){
                    return true;
```

```
            }
            else{
               JOptionPane.showMessageDialog(this,"In order to complete this transcation
previous transaction must be done.");
               return false;
            }

         }
      }
      catch(Exception e){

      }
      return true;
   }

   int profit;

   private boolean checkConditions(String stockId,String quantity,String ppq){

      if(Integer.valueOf(quantity)<=0){
         JOptionPane.showMessageDialog(this,"Incorrect Quantity entered Please re-
enter.");
         return false;
      }

      try{
         String sql = "select * from Stocks where stockId = ?";
          ps = connection.prepareStatement(sql);
          ps.setString(1,stockId);
          ResultSet rs = ps.executeQuery();
          while(rs.next()){
             int original = Integer.valueOf(rs.getString("quantity"));
             int hereQuantity = Integer.valueOf(quantity);
             int originalPrice = Integer.valueOf(rs.getString("pricePerQuatity"));
             int ppq1 = Integer.valueOf(ppq);
             if(original >= hereQuantity ){
                if(originalPrice>ppq1){
                   JOptionPane.showMessageDialog(this,"Sorry Selling at this price won't
give us any profit please change the Price Per Quantity.");
                return false;
                }else{
                   profit = ppq1 - originalPrice;
                   profit = profit*hereQuantity;

                }
                return true;
```

```
                }
                else{
                    JOptionPane.showMessageDialog(this,"Sorry the desired quantity is out of
stock at the moment and will be available by 10/12/2022");

                    return false;
                }
            }
        }
        catch(Exception e){

        }


        return true;
    }

    private void updateStocksCollection(){
         try{
            String sql = "select * from Stocks where stockId = ?";
             ps = connection.prepareStatement(sql);
             ps.setString(1,stockId.getText());
             ResultSet rs = ps.executeQuery();
             while(rs.next()){
                int original = Integer.valueOf(rs.getString("quantity"));
                int hereQuantity = Integer.valueOf(quantity.getText());
                int total = original - hereQuantity;
                String t = String.valueOf(total);
                  ps = connection.prepareStatement("Update Stocks set quantity = ? where
stockId = ?");
              ps.setString(1, t);
              ps.setString(2,stockId.getText());
              ps.executeUpdate();
             }
        }
        catch(Exception e){

        }




    }

    private boolean payed= false;
    private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:.
```

```
        try{
            if(this.customerPaymentPending(customerId.getText()) &&
this.checkConditions(stockId.getText(),quantity.getText(),ppq.getText()) ){
                System.out.println("in");
            SimpleDateFormat formatter = new SimpleDateFormat("dd-MM-yyyy");
            Date date = new Date();
            ps = connection.prepareStatement("Insert into customerPayments
values(?,?,?,?,?,?,?,?)");
            ps.setString(1,customerId.getText());
            ps.setString(2,stockId.getText());
            ps.setString(3,quantity.getText());
            ps.setString(4,ppq.getText());
            ps.setString(5,formatter.format(date));
            ps.setString(6,String.valueOf(profit));
            ps.setString(7,String.valueOf(this.payed));

ps.setString(8,String.valueOf(Integer.valueOf(ppq.getText())*Integer.valueOf(quantity.g
etText())));
            ps.executeUpdate();
            this.updateStocksCollection();
            JOptionPane.showMessageDialog(this,"Item Sold Inventory Updated.");
            stockId.setText("");
            quantity.setText("");
            customerId.setText("");
            ppq.setText("");
            }
            else{
               System.out.println("eee");
               stockId.setText("");
               quantity.setText("");
               customerId.setText("");
               ppq.setText("");
            }


        }
        catch(Exception e){
            System.out.println(e);
        }
    }

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

```
    private void boxItemStateChanged(java.awt.event.ItemEvent evt) {
        // TODO add your handling code here:
        this.payed =  !this.payed;
    }

    /**
     * @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(SellStocksForm.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

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

        /* Create and display the form */
```

```
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new SellStocksForm().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JCheckBox box;
    private javax.swing.JTextField customerId;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton5;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JLabel jLabel7;
    private javax.swing.JTextField ppq;
    private javax.swing.JTextField quantity;
    private javax.swing.JTextField stockId;
    // End of variables declaration
}
```

Con.java

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this
template
 */
package WholeSaleManageMent;

import java.sql.*;

/**
 *
 * @author PushpaPriya
 */
public class Con {
    PreparedStatement ps;


    public static Connection Con(){
```

```
        try{
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection c =
    DriverManager.getConnection("jdbc:mysql://localhost:3306/WholeSaleManagement?zer
    oDateTimeBehavior=CONVERT_TO_NULL","root","Roshni123$");
            return c;
        }
        catch(Exception e){
            System.out.println("Exception found"+ e);
        }
        return null;
    }

    }
```

List of queries in Database:

Creating Tables :

BuyerPayments:

1.)

```
 CREATE TABLE `buyerPayments` (
`buyerId` int DEFAULT NULL,
`stockId` int DEFAULT NULL,
`quantity` int DEFAULT NULL,
`dateOfpayment` varchar(50) DEFAULT NULL,
`totalCost` varchar(45) DEFAULT NULL
 );
```

2.)

Buyers:

```
CREATE TABLE `Buyers` (
`buyerId` int NOT NULL AUTO_INCREMENT,
```

```
`name` varchar(45) DEFAULT NULL,
`stockId` varchar(45) DEFAULT NULL,
`address` varchar(45) DEFAULT NULL,
`date` varchar(50) DEFAULT NULL,
PRIMARY KEY (`buyerId`)
)
```

3.)

Customer payments

```
CREATE TABLE `customerPayments` (
`customerId` varchar(45) DEFAULT NULL,
`stockId` varchar(45) DEFAULT NULL,
`quantity` varchar(45) DEFAULT NULL,
`price per quantity` varchar(45) DEFAULT NULL,
`dateOfPayment` varchar(45) DEFAULT NULL,
`profit` varchar(45) DEFAULT NULL,
`paymentStatus` varchar(45) DEFAULT NULL,
`totalCost` varchar(45) DEFAULT NULL
)
```

4.)

Customers

```
CREATE TABLE `Customers` (
`customerId` int NOT NULL AUTO_INCREMENT,
`customerName` varchar(45) DEFAULT NULL,
`address` varchar(45) DEFAULT NULL,
`phone` varchar(45) DEFAULT NULL,
PRIMARY KEY (`customerId`)
```

)

5.)

```
CREATE TABLE `Stocks` (
`stockId` int NOT NULL,
`name` varchar(100) DEFAULT NULL,
`quantity` int DEFAULT '0',
`pricePerQuatity` int DEFAULT NULL,
`TotalPrice` int DEFAULT NULL,
PRIMARY KEY (`stockId`)
)
```

- Inserting into Stocks table:

```
use WholeSaleManagement;

insert into Stocks values
(1,"Ventilators",30,250,250*30),
(2,"Cardiopulmonary bypass device",17,1200,1200*17),
(3,"Dialysis machine",15,1500,15*1500),
(4,"Infusion pumps",12,750,750*12),
(5,"LASIK surgical machine",17,1700,1700*17),
(6,"Medical lasers",7,2000,2000*7),
(7,"Consult 120 Urine Analyzer",19,300,19*300),
(8,"Urine Reagent Strips 10 Parameter",50,15,15*50),
(9,"Consult Liquid Urine Control",7,500,500*7),
(10,"Plastic urine containers, sterile or unsterile",25,10,25*10),
(11,"Conical centrifuge tube, 15 ml",9,15,9*15),
(12,"Microscope slides and 1 coverslip",11,30,11*30),
(13,"Clinical Centrifuge",16,100,16*100),
(14,"Flow cytometers",23,250,250*23),
(15,"Blood gas analyzers",2,1000,2*1000),
(16,"Electrolyte analyzers",17,1200,17*1200),
(17,"Differential counters",25,10,10*25),
(18,"Coagulation analyzers",20,750,750*20),
(19,"Slide strainers",19,10,10*19),
(20,"Magnetic resonance imaging (MRI)",7,1000,7*1000);
```

- Inserting into Buyers:
  use WholeSaleManagement;

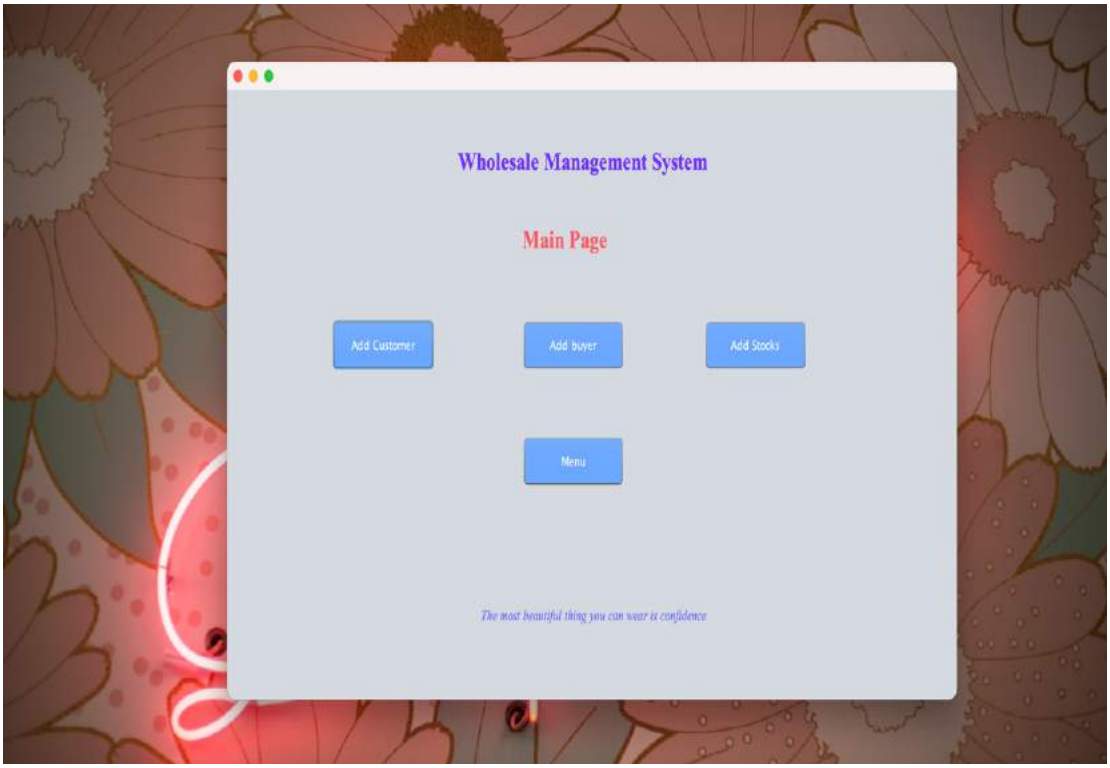
  insert into Buyers values
  (1,"Vent & Co",1,"San jose","01/11/2022"),
  (2,"CPD",2,"St.Louis","02/11/2022"),
  (3,"DMS",3,"SanFransisco","03/11/2022"),
  (4,"IFPS",4,"Silicon Valley","01/10/2022"),
  (5,"LASM",5,"Austin","21/10/2022"),
  (6,"MLSERS",6,"Toranto","31/10/2022"),
  (7,"C2A",7,"NewYork","14/11/2022"),
  (8,"URS",8,"Cape","21/11/2022"),
  (9,"CLU",9,"Chicago","12/11/2022"),
  (10,"PLUCS",10,"Boston","07/11/2022"),
  (11,"CCT",11,"SanDiego","01/10/2022"),
  (12,"MCS",12,"Austin","16/10/2022"),
  (13,"CCG",13,"California","21/10/2022"),
  (14,"FlowCt",14,"St.Louis","20/11/2022"),
  (15,"BGZ",15,"Austin","04/11/2022"),
  (16,"ECT",16,"Dallas","09/11/2022"),
  (17,"DCT",17,"Pheonix","05/10/2022"),
  (18,"CGA",18,"Seattle","04/10/2022"),
  (19,"SST",19,"Cape","01/10/2022"),
  (20,"Magnum",20,"St.Louis","30/10/2022");

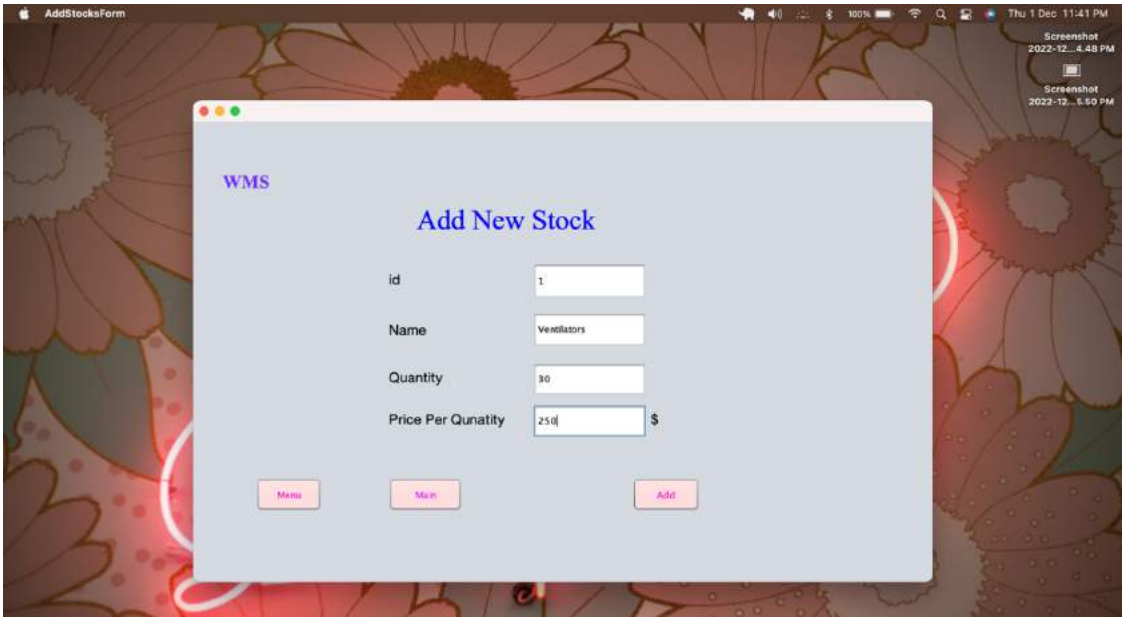
- Inserting into customers
  use WholeSaleManagement;

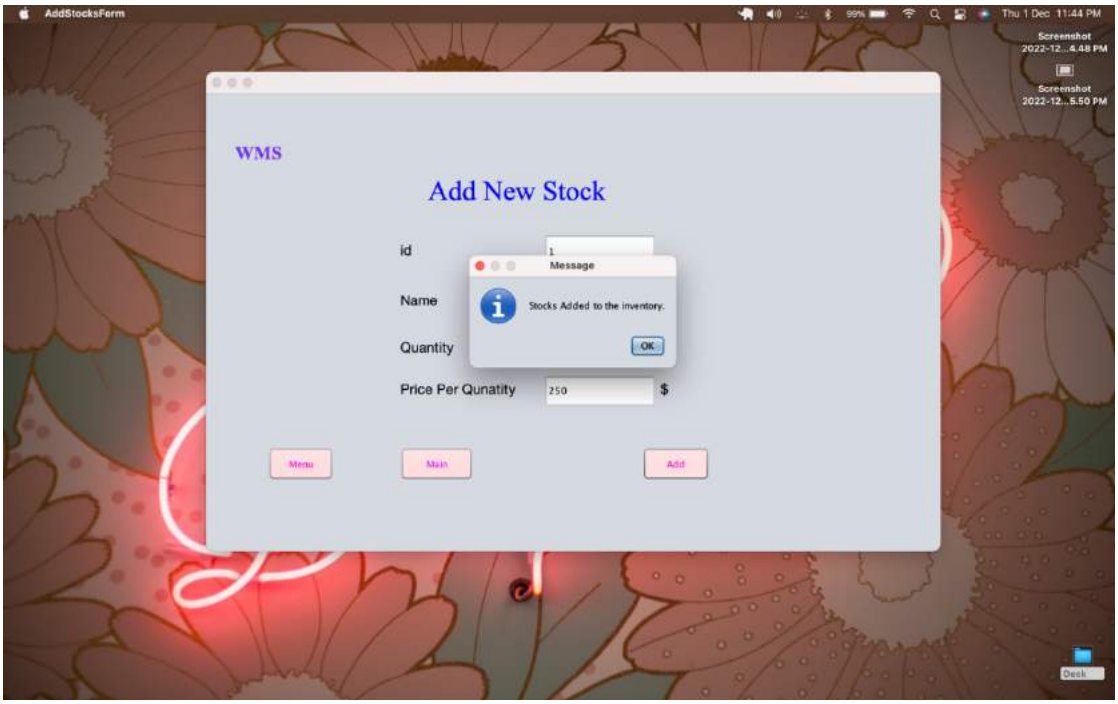
  insert into Customers values
  (1,"Alex","San jose","123","1"),
  (2,"Case","St.Louis","4123","1"),
  (3,"Daniel","SanFransisco","1313","0"),
  (4,"Ismail","Silicon Valley","0101002022","1"),
  (5,"Lues","Austin","2101002022","1"),
  (6,"Mac","Toranto","3101002022","0"),
  (7,"Cristein","NewYork","1401102022","0"),
  (8,"Urvashi","Cape","2101102022","1"),
  (9,"Claus","Chicago","1201102022","1"),
  (10,"Pheoby","Boston","0701102022","1"),
  (11,"Christopher","SanDiego","0101002022","0"),
  (12,"Mercury","Austin","1601002022","1"),
  (13,"Venus","California","2101002022","1"),
  (14,"Pluto","St.Louis","2001102022","0"),
  (15,"Brown","Austin","0401102022","0"),

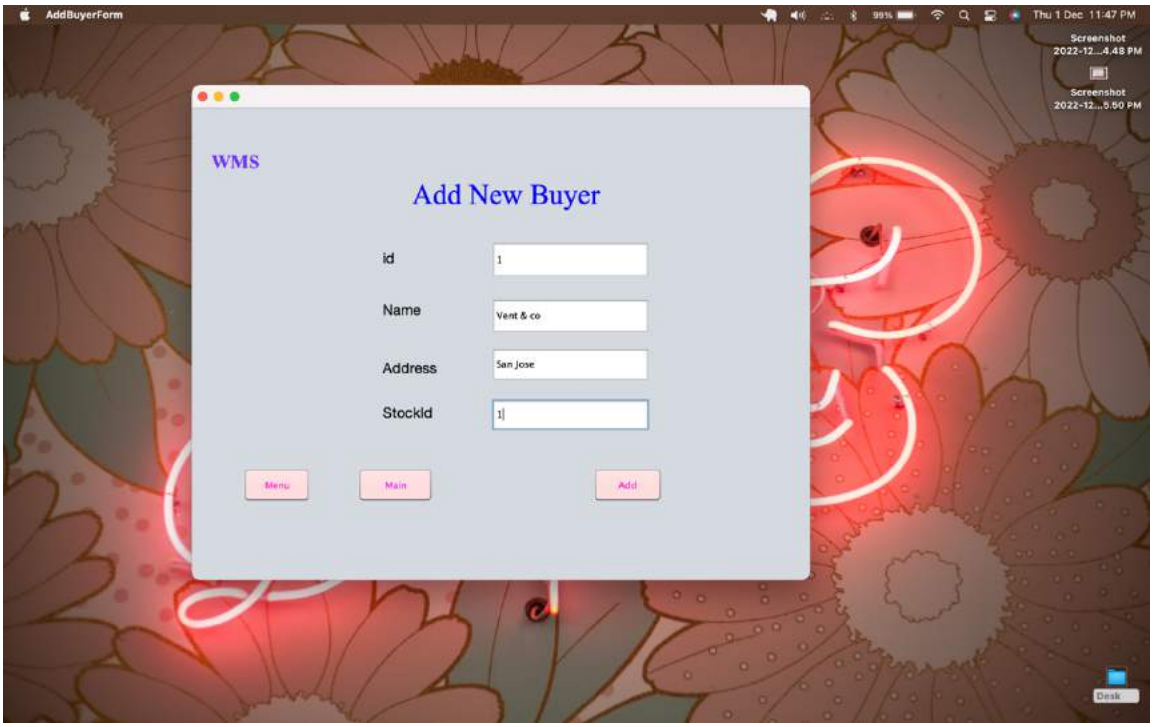
(16,"Eric","Dallas","0901102022","0"),
(17,"Drake","Pheonix","0501002022","1"),
(18,"Cat","Seattle","0401002022","1"),
(19,"Stephen","Cape","0101002022","0"),
(20,"Magnum","St.Louis","3001002022","0"),
(21,"Chetan","SanDiego","0101002022","1"),
(22,"Morris","Austin","1601002022","0"),
(23,"Chris","California","2101002022","0"),
(24,"Flora","St.Louis","2001102022","1"),
(25,"Bnz","Austin","0401102022","1"),
(26,"Emanual","Dallas","0901102022","1"),
(27,"Deamon","Pheonix","0501002022","1"),
(28,"Chandler","Seattle","0401002022","1"),
(29,"Sophia","Cape","0101002022","1"),
(30,"Mars","St.Louis","3001002022","1");

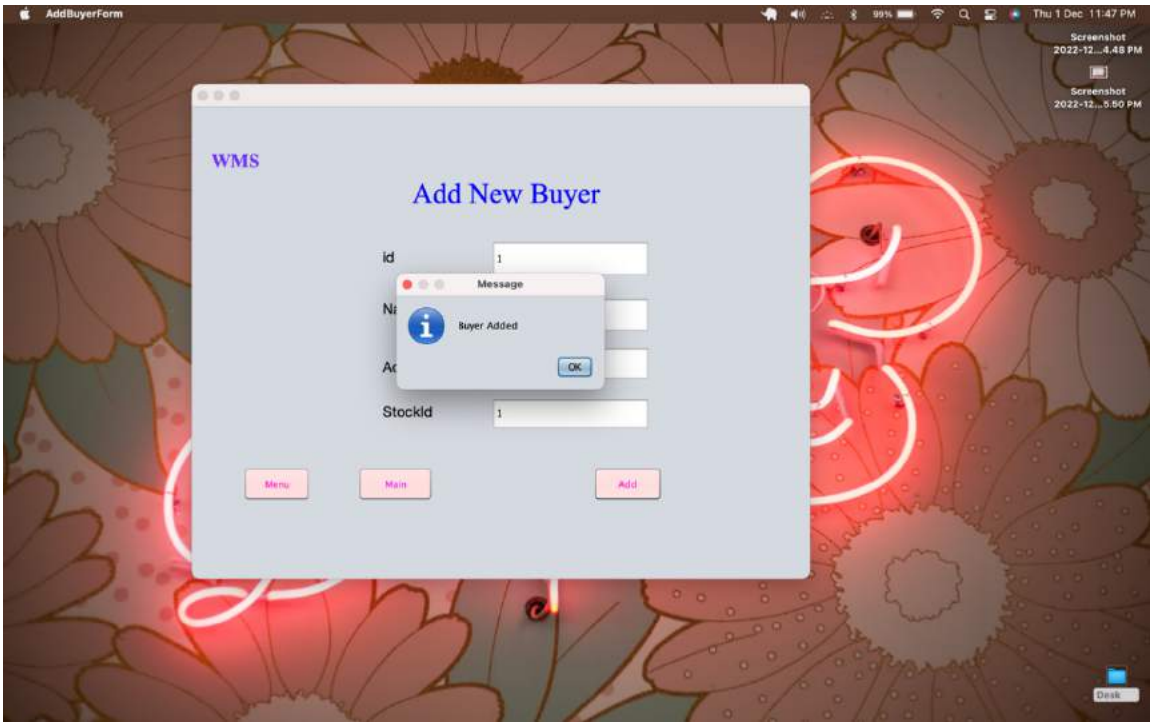
Output:

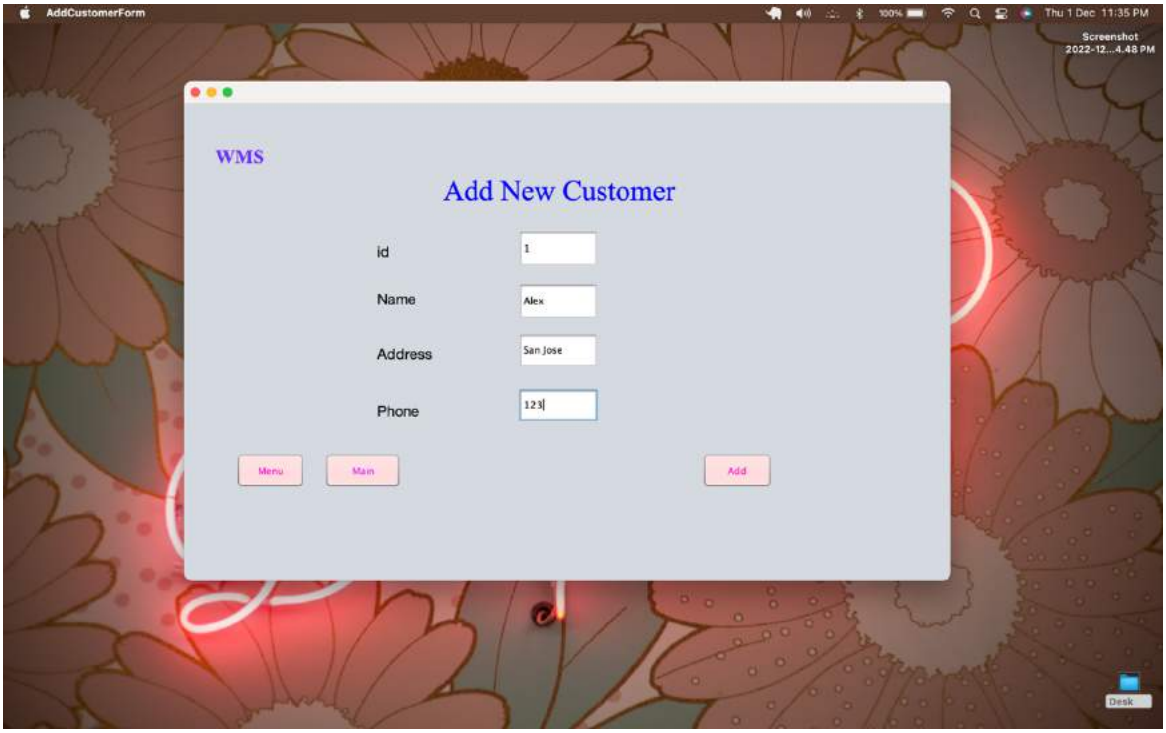

Wholesale Management System
Main Page
Add Customer
Add buyer
Add Stocks
Menu
The most beautiful thing you can wear is confidence

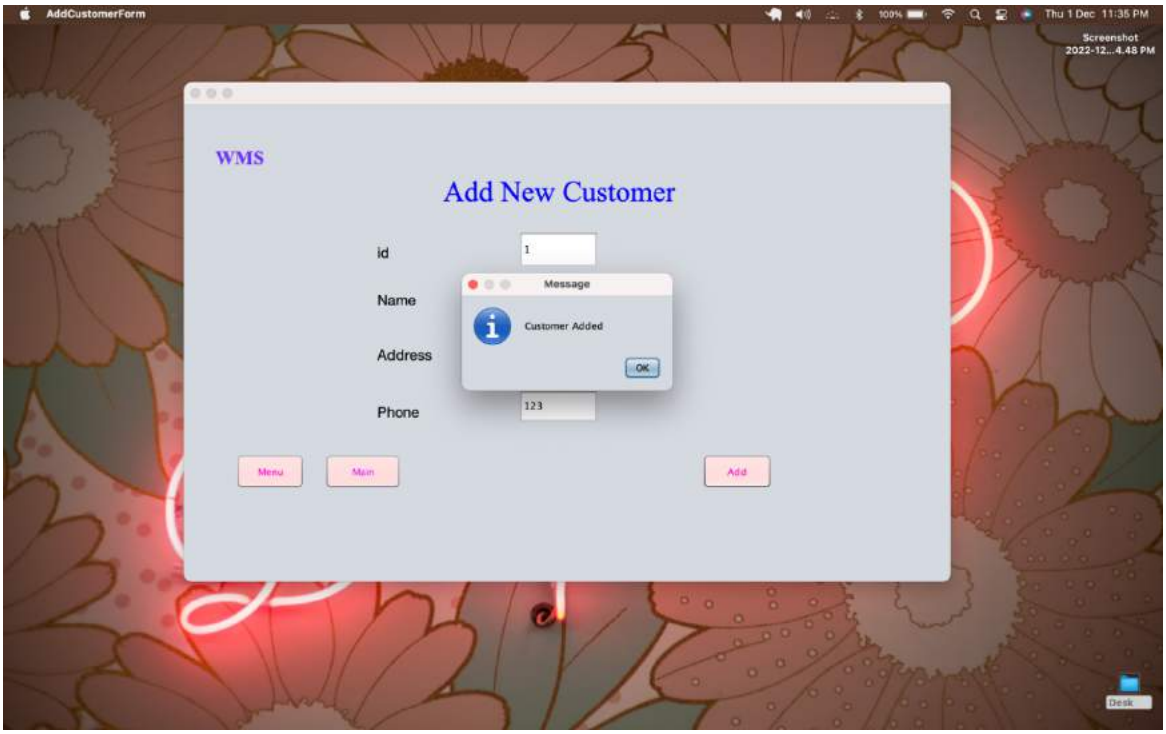

AddStocksForm
Thu 1 Dec 11:41 PM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
WMS
Add New Stock
id
1
Name
Ventilators
Quantity
30
Price Per Qunatity
250
$
Menu
Main
Add

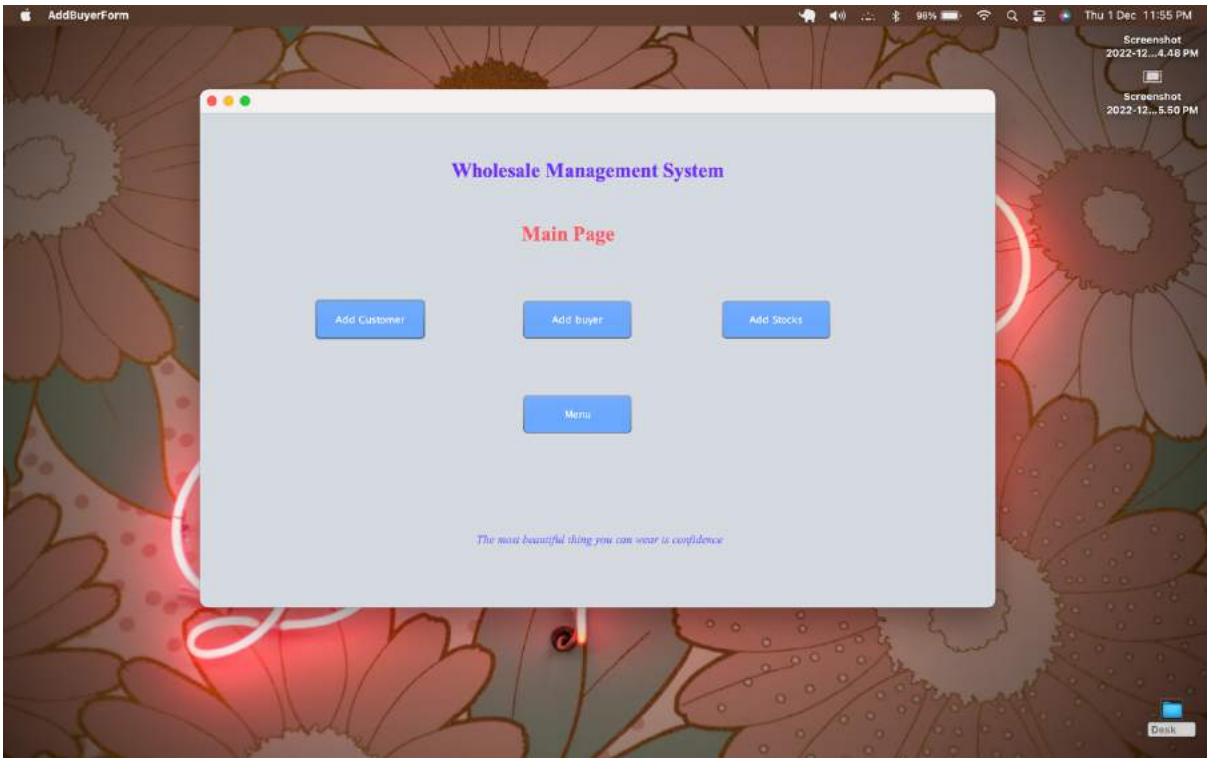

AddStocksForm
Thu 1 Dec 11:44 PM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
WMS
Add New Stock
id
1
Message
Name
Stocks Added to the inventory.
Quantity
OK
Price Per Qunatity
250
$
Menu
Main
Add
Desk

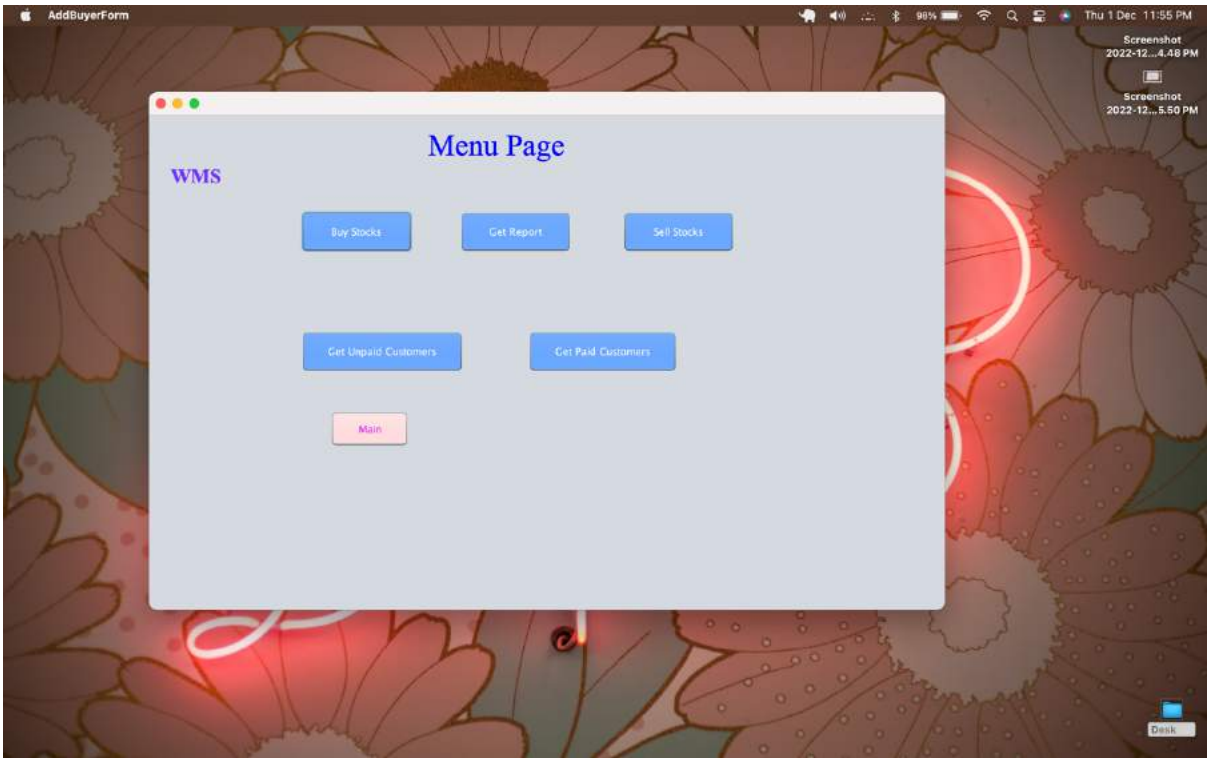

AddBuyerForm
Thu 1 Dec 11:47 PM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
WMS
Add New Buyer
id
1
Name
Vent & co
Address
San Jose
StockId
1
Menu
Main
Add
Desk

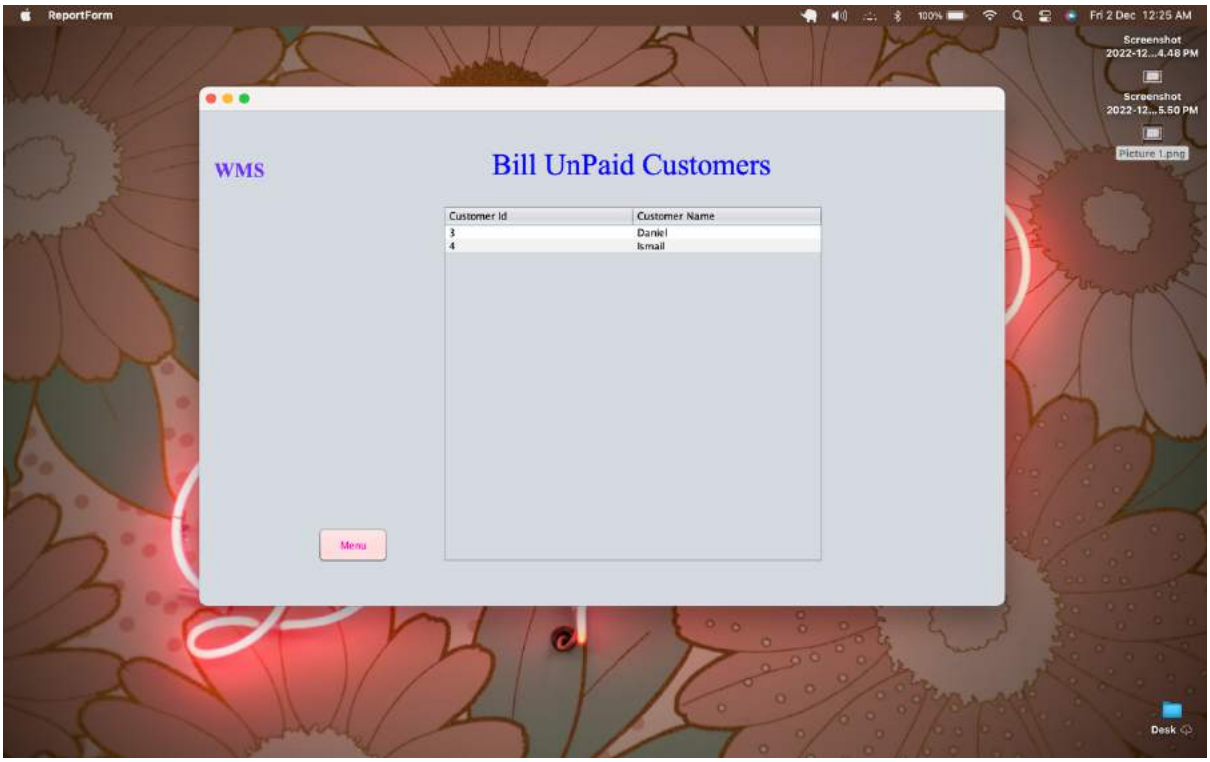

AddBuyerForm
Thu 1 Dec 11:47 PM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
WMS
Add New Buyer
id
1
Message
Buyer Added
OK
StockId
1
Menu
Main
Add
Desk

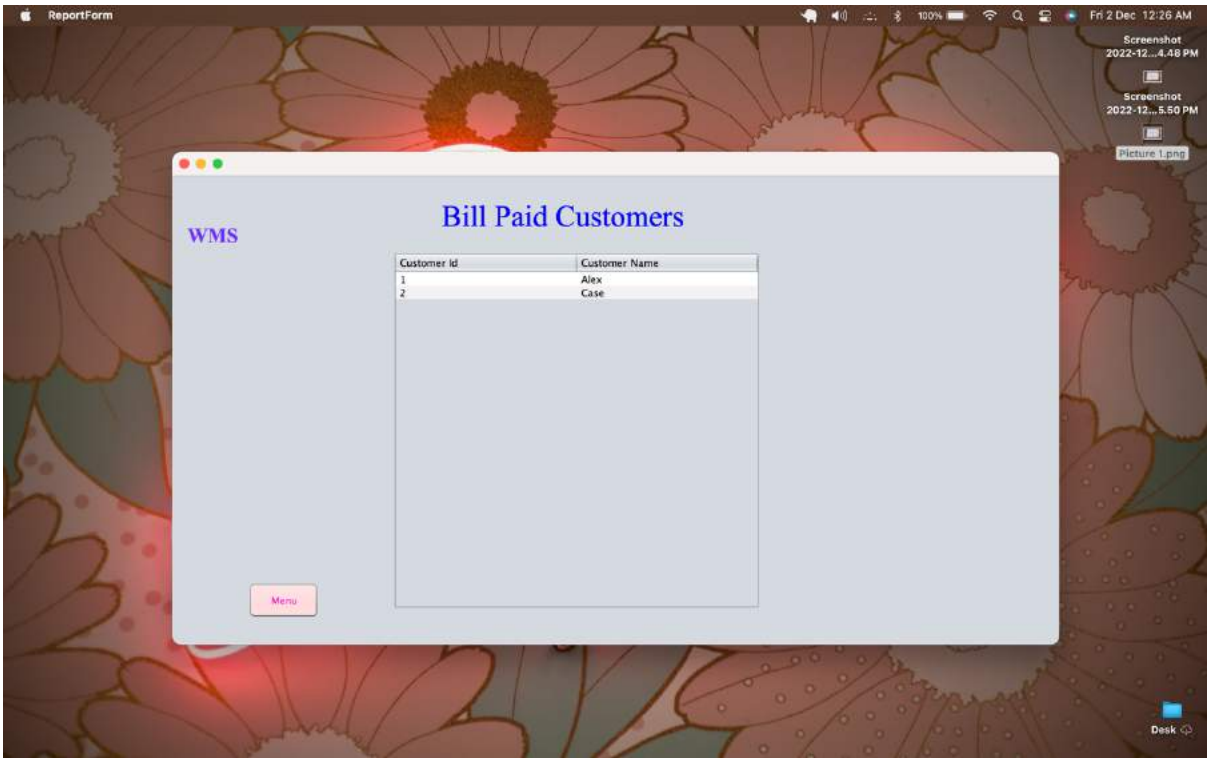

AddCustomerForm
Thu 1 Dec 11:35 PM
Screenshot 2022-12...4.48 PM
WMS
Add New Customer
id
1
Name
Alex
Address
San Jose
Phone
123
Menu
Main
Add
Desk

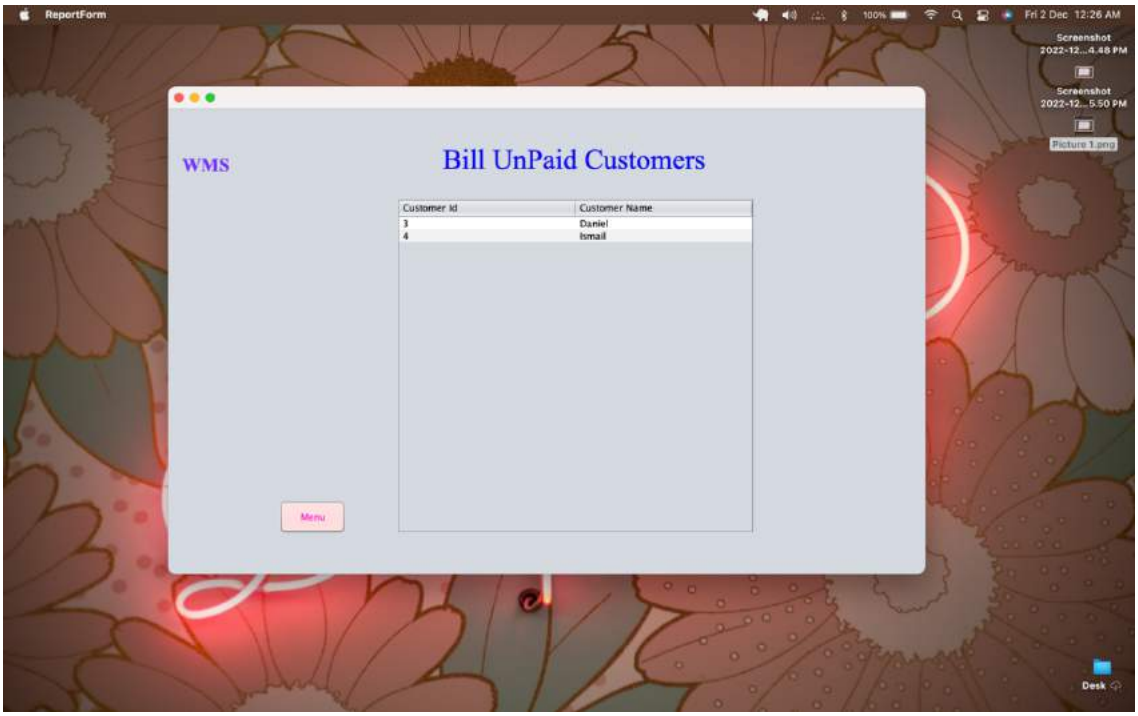

AddCustomerForm
Thu 1 Dec 11:38 PM
Screenshot 2022-12...4.48 PM
WMS
Add New Customer
id
1
Name
Address
Phone
123
Message
Customer Added
OK
Menu
Main
Add
Desk

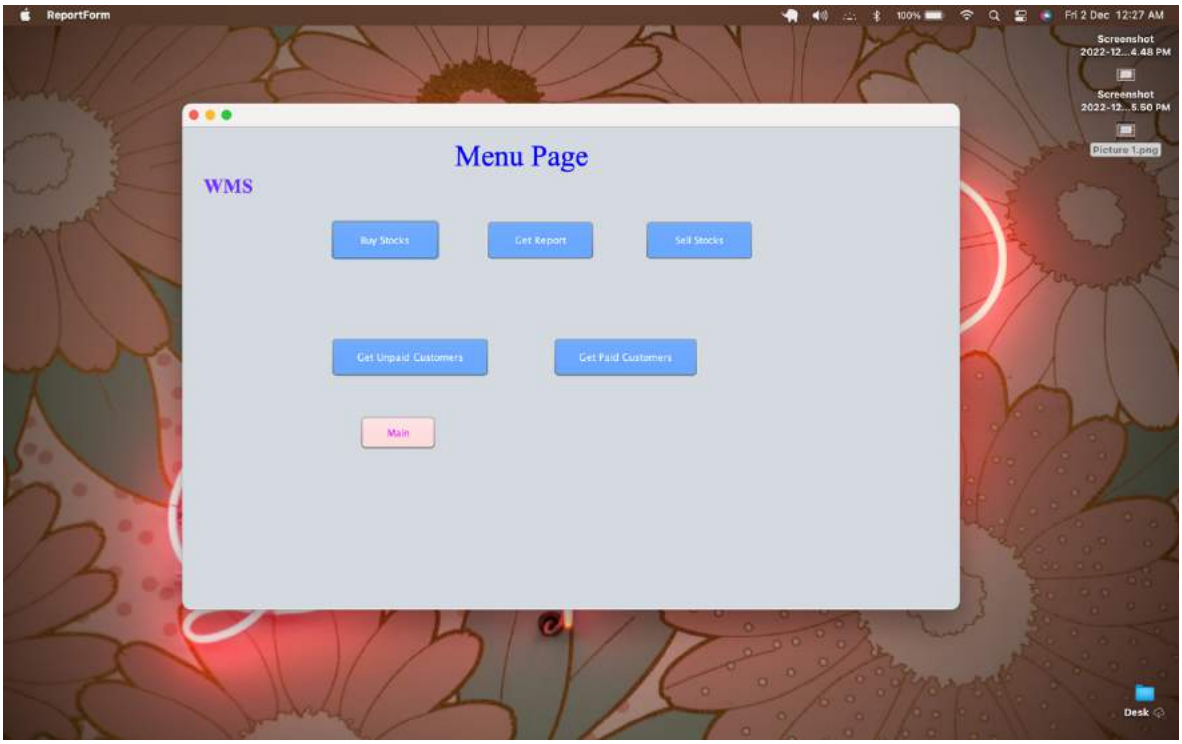

AddBuyerForm
Thu 1 Dec 11:55 PM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Wholesale Management System
Main Page
Add Customer
Add buyer
Add Stocks
Menu
The most beautiful thing you can wear is confidence
Desk

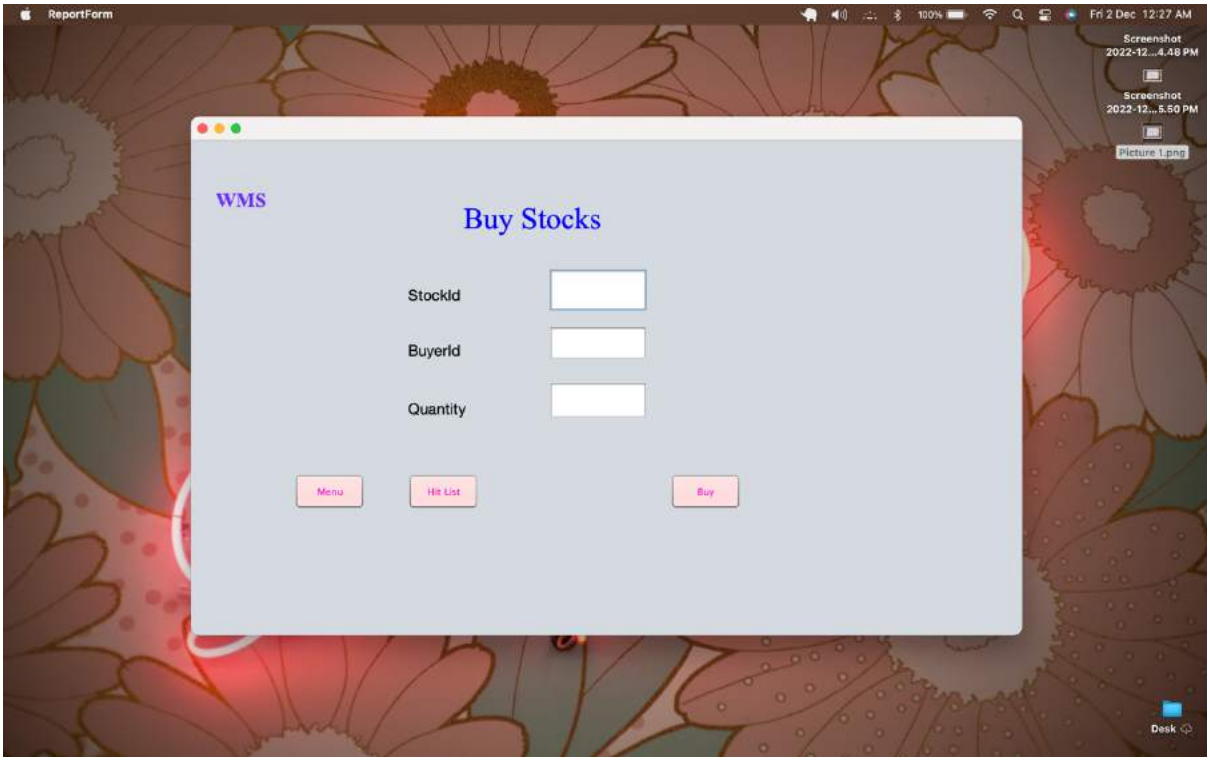

AddBuyerForm
Thu 1 Dec 11:55 PM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Menu Page
WMS
Buy Stocks
Get Report
Sell Stocks
Get Unpaid Customers
Get Paid Customers
Main
Desk

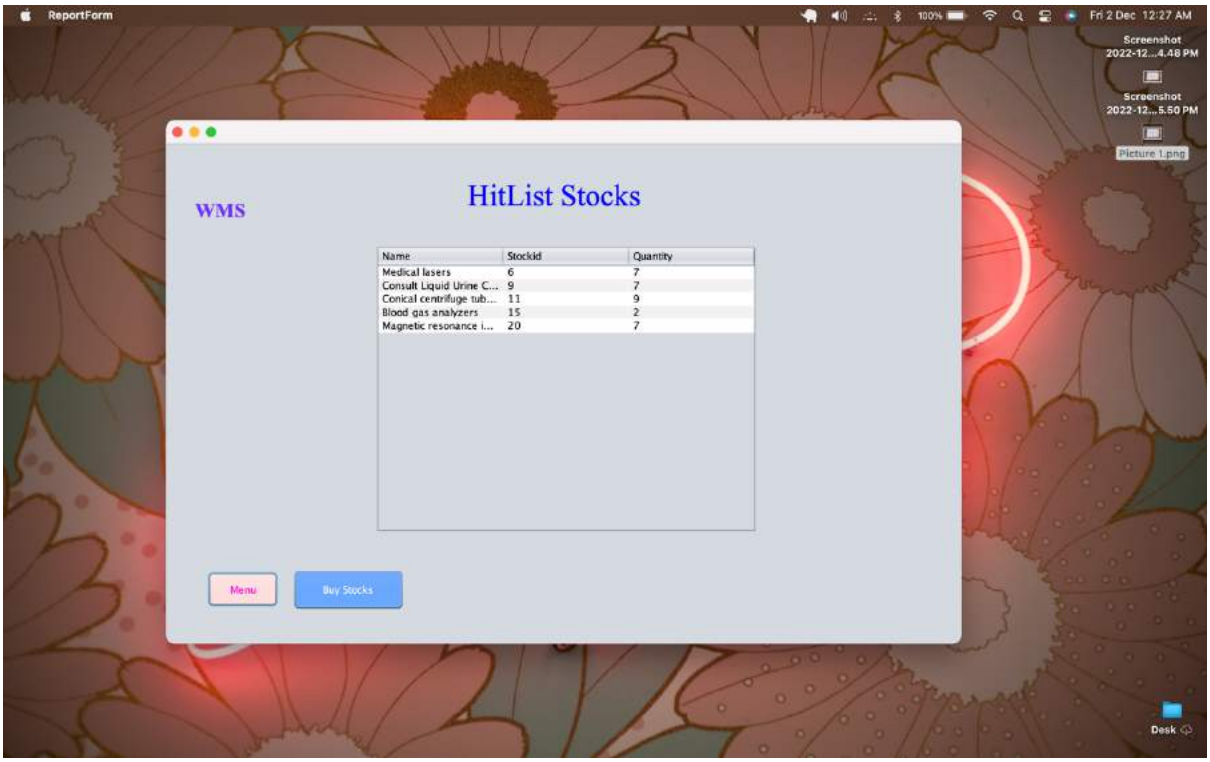

ReportForm
Fri 2 Dec 12:25 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
WMS
Bill UnPaid Customers
Customer Id
Customer Name
3
Daniel
4
Ismail
Menu
Desk

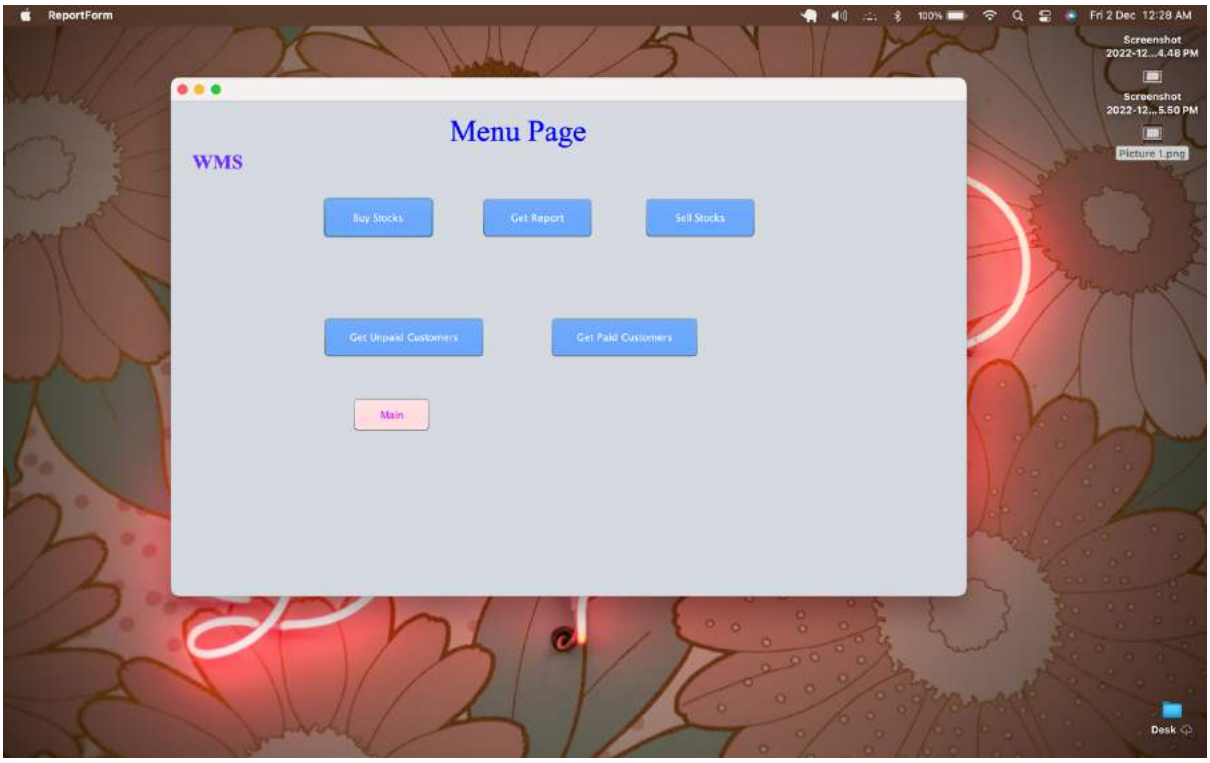

ReportForm
Fri 2 Dec 12:26 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
WMS
Bill Paid Customers
Customer Id
Customer Name
1
Alex
2
Case
Menu
Desk

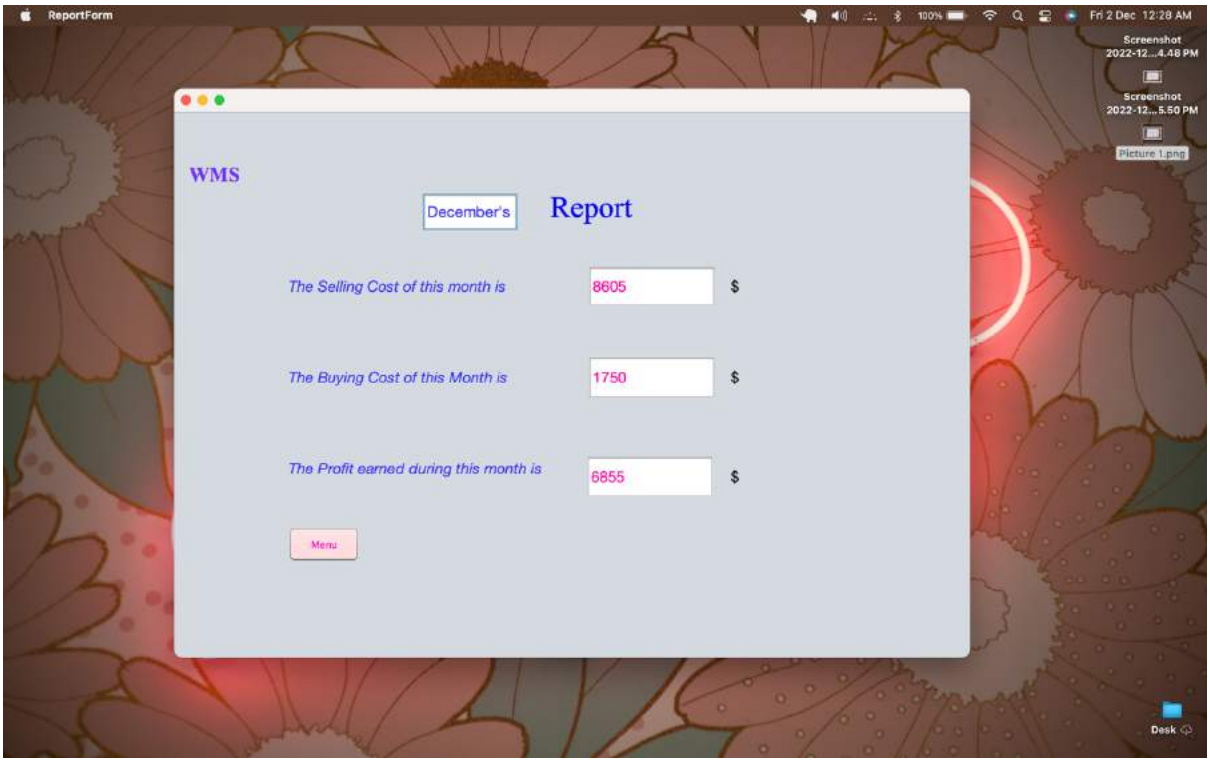

ReportForm
Fri 2 Dec 12:26 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
WMS
Bill UnPaid Customers
Customer Id
Customer Name
3
Daniel
4
Ismail
Menu
Desk

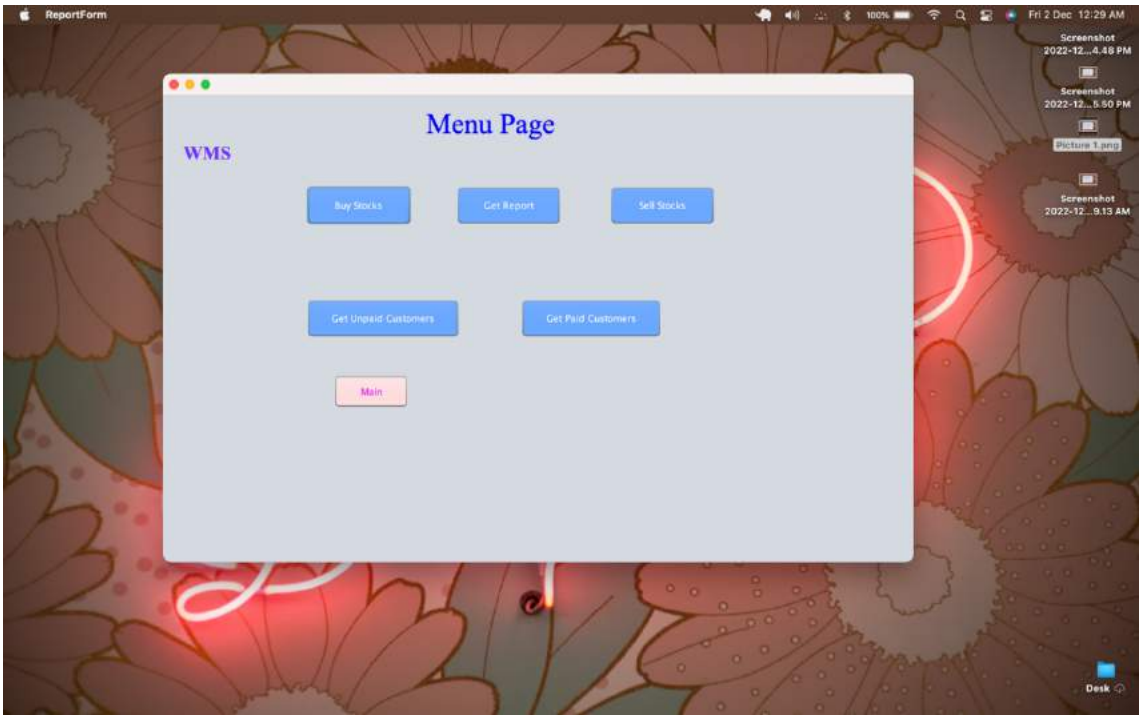

ReportForm
Fri 2 Dec 12:27 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
Menu Page
WMS
Buy Stocks
Get Report
Sell Stocks
Get Unpaid Customers
Get Paid Customers
Main
Desk

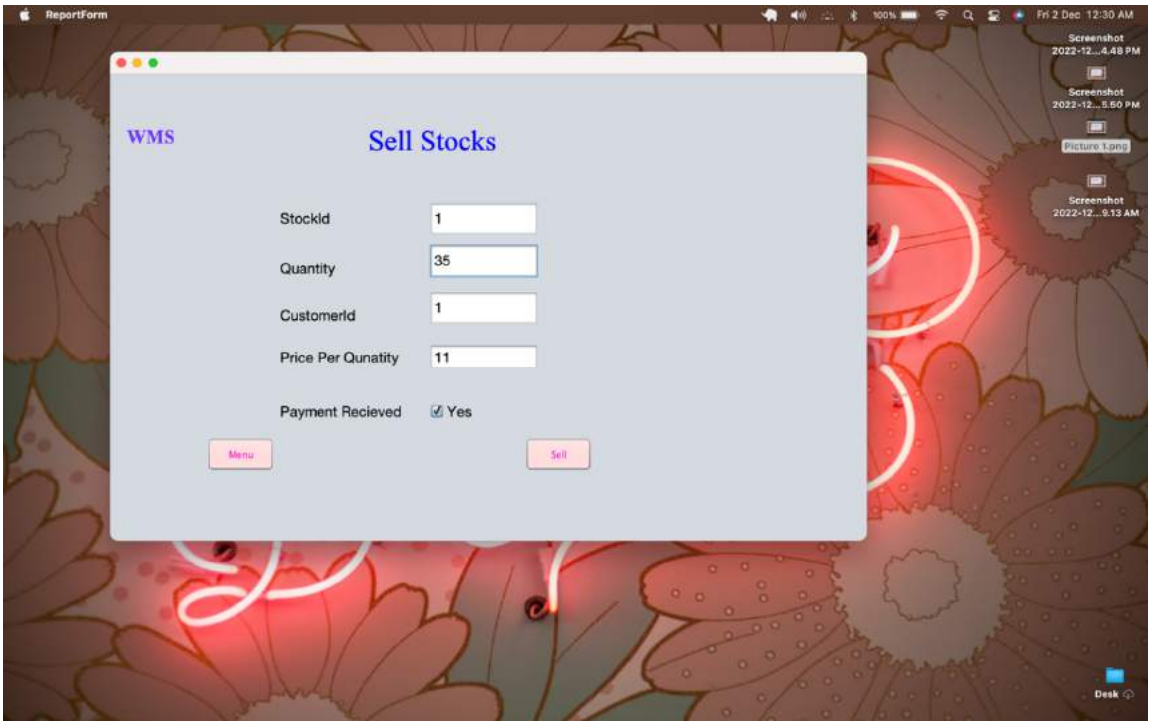

ReportForm
Fri 2 Dec 12:27 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
WMS
Buy Stocks
StockId
BuyerId
Quantity
Menu
Hit List
Buy
Desk

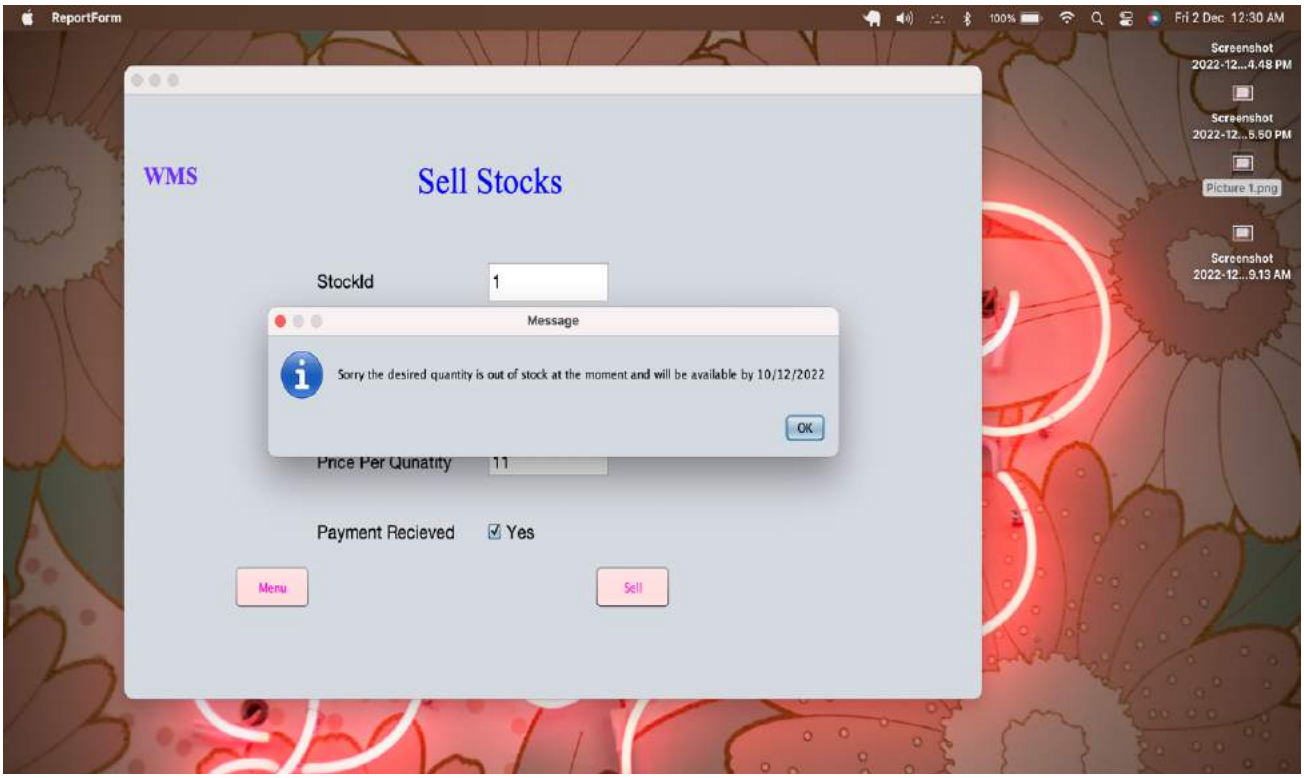

ReportForm
Fri 2 Dec 12:27 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
WMS
HitList Stocks
Name
Stockid
Quantity
Medical lasers 6 7
Consult Liquid Urine C... 9 7
Conical centrifuge tub... 11 9
Blood gas analyzers 15 2
Magnetic resonance i... 20 7
Menu
Buy Stocks
Desk

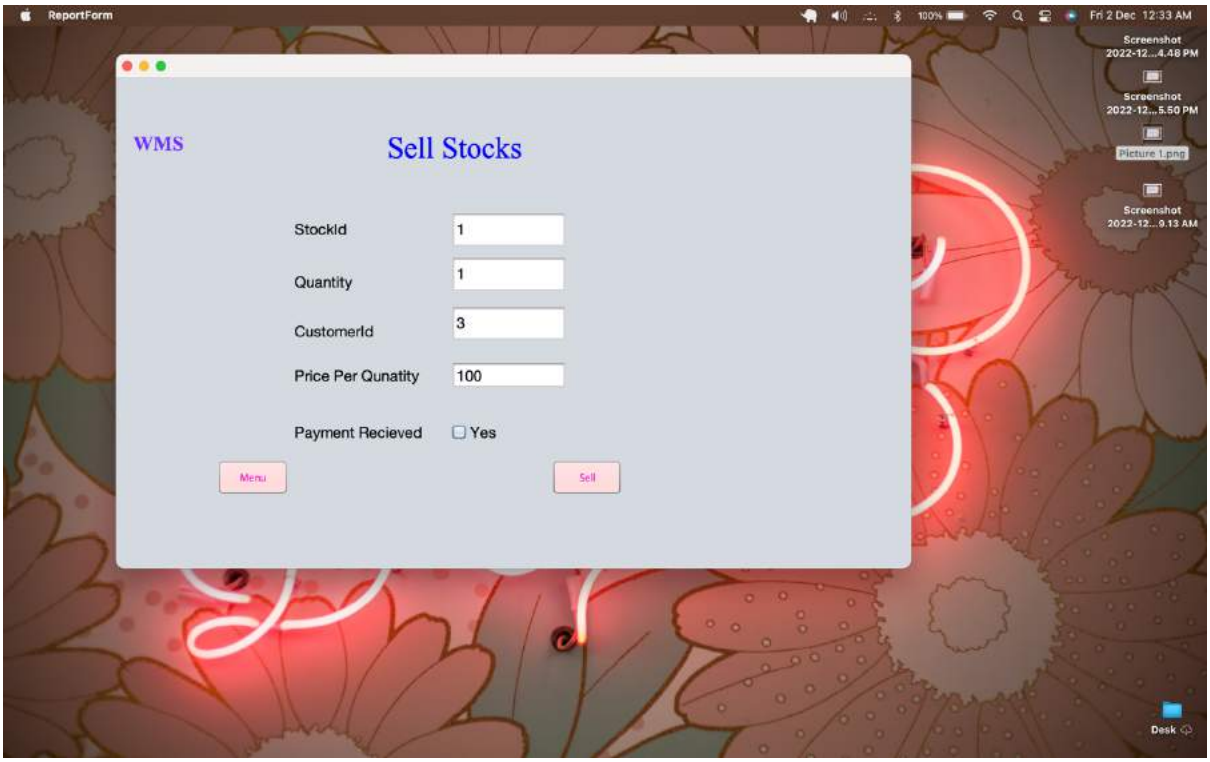

ReportForm
Fri 2 Dec 12:28 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
Menu Page
WMS
Buy Stocks
Get Report
Sell Stocks
Get Unpaid Customers
Get Paid Customers
Main
Desk

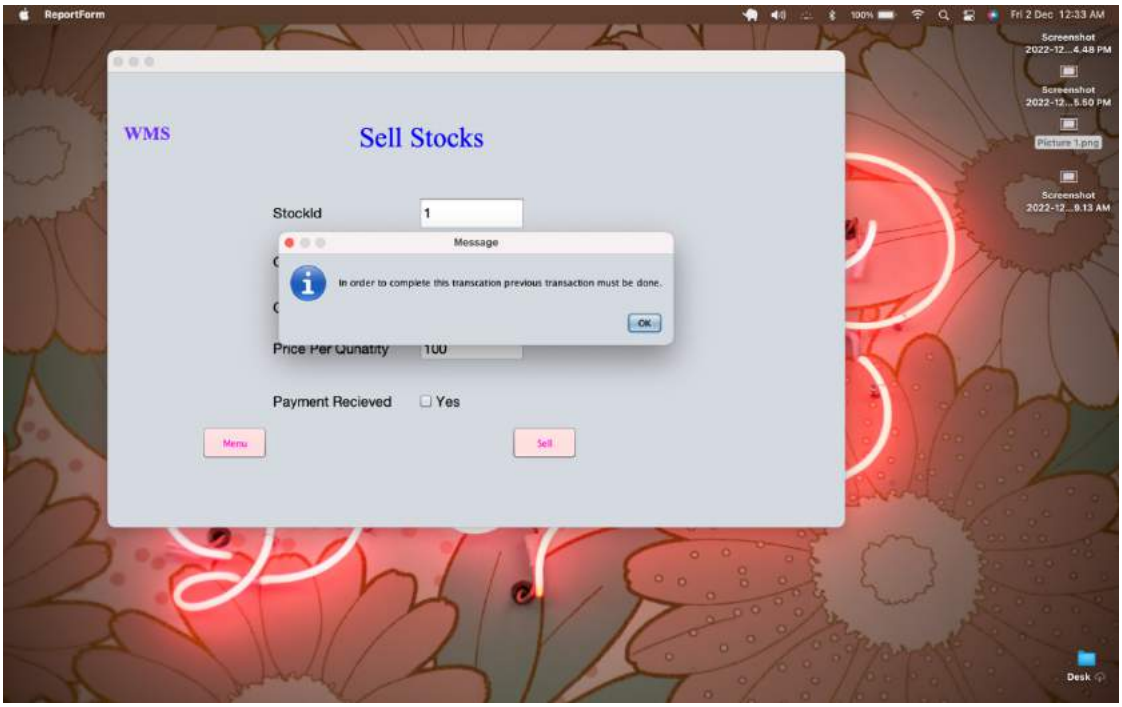

ReportForm
Fri 2 Dec 12:28 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
WMS
December's
Report
The Selling Cost of this month is
8605
$
The Buying Cost of this Month is
1750
$
The Profit earned during this month is
6855
$
Menu
Desk


ReportForm
Fri 2 Dec 12:29 AM
Screenshot 2022-12...4.48 PM
Screenshot 2022-12...5.50 PM
Picture 1.png
Screenshot 2022-12...9.13 AM
Menu Page
WMS
Buy Stocks
Get Report
Sell Stocks
Get Unpaid Customers
Get Paid Customers
Main
Desk


ReportForm
Fri 2 Dec 12:30 AM
WMS
Sell Stocks
StockId
1
Quantity
35
CustomerId
1
Price Per Qunatity
11
Payment Recieved
Yes
Menu
Sell

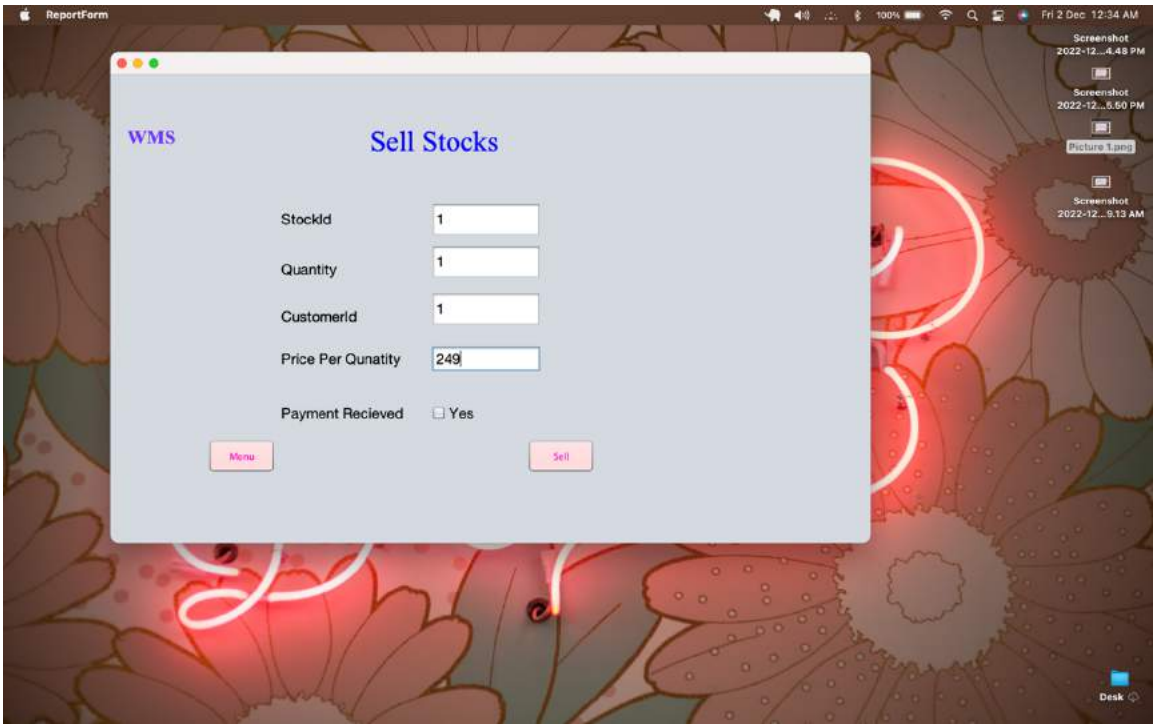

ReportForm
Fri 2 Dec 12:30 AM
WMS
Sell Stocks
StockId
1
Message
Sorry the desired quantity is out of stock at the moment and will be available by 10/12/2022
OK
Price Per Qunatity
11
Payment Recieved
Yes
Menu
Sell

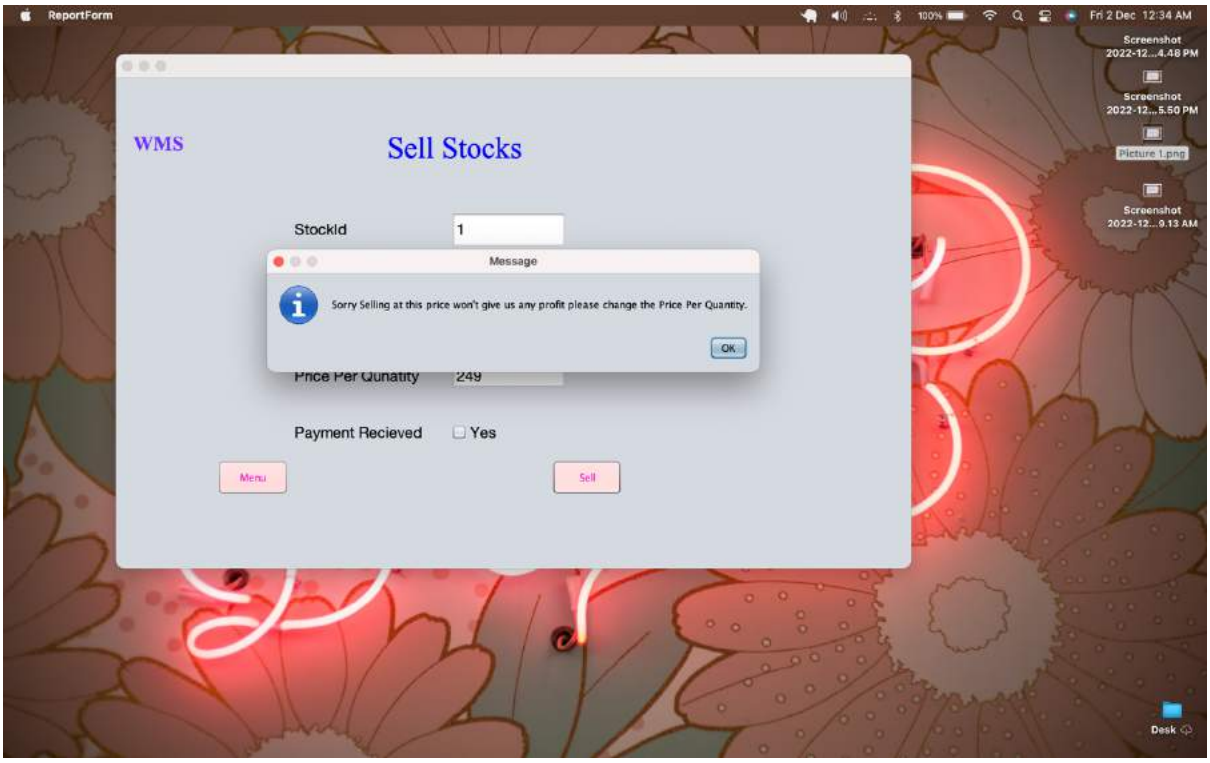

ReportForm
Fri 2 Dec 12:33 AM
WMS
Sell Stocks
StockId
1
Quantity
1
CustomerId
3
Price Per Qunatity
100
Payment Recieved
Yes
Menu
Sell


ReportForm
Fri 2 Dec 12:33 AM
WMS
Sell Stocks
StockId
1
Message
In order to complete this transcation previous transaction must be done.
OK
Price Per Qunatity
100
Payment Recieved
Yes
Menu
Sell

Screen of the Produced warning when the quantity of an item goes less than a particular amount

Buying Cost of the stock with id 1 is 250$ trying to sell it for one dollor less i.e 249 gives us an error.





Conclusion:

The overall experience was good. We as a team, have learned many things while designing GUI. We had invested an ample amount of time to complete this project.

While we have learned many things through the process of building this project, it helped us to learn new things in java. These inputs will be helpful for us in future projects as well.