LAPORAN PERANCANGAN APLIKASI
PENJUALAN KOPI ZOYA

Dosen Pembimbing :

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A. PERANCANGAN APLIKASI PENJUALAN KOPI ZOYA

1. Aplikasi Berbasis Desktop

Aplikasi Berbasis Desktop Didalam merancang sebuah bentuk keluaran pada penelitian ini maka dihasilkan sebuah keluaran dengan menggunakan sebuah aplikasi berbasis desktop. Aplikasi adalah program-program yang dibuat oleh suatu perusahaan komputer untuk para pemakai yang beroperasi dalam bidang-bidang umum, seperti toko, penerbitan, komunikasi, penerbangan, perdagangan, dan sebagainya. Sedangkan desktop application atau aplikasi desktop adalah plikasi berbasis desktop merupakan aplikasi yang dijalankan pada masing-masing komputer atau klien. Aplikasi berbasis desktop harus diinstall terlebih dahulu ke dalam komputer agar dapat digunakan.

2. NetBeans

NetBeans IDE adalah IDE open source yang ditulis sepenuhnya dengan bahasa Java menggunakan platform NetBeans. NetBeans IDE mendukung pengembangan semua tipe aplikasi java. Semua fungsi IDE disediakan oleh modul-modul. Tiap modul menyediakan fungsi yang didefinisikan dengan baik, seperti dukungan untuk bahasa pemrograman Java, editing atau dukungan bagi CVS. Aplikasi NetBeans Merupakan suatu serambi pengembangan perangkat lunak yang ditulis dalam bahasa pemograman java. Pengambangan suatu aplikasi dapat dilakukan dimulai dari setelan perangkat lunak modular bernama modules.

3. Tujuan Pembuatan Aplikasi Penjualan Kopi Zoya

    a. Untuk mengetahui cara menggunakan aplikasi NetBeans dalam pembuatan Aplikasi Penjualan Kopi Zoya

    b. Untuk mengetahui tools yang ada pada aplikasi NetBeans

c. Untuk mengetahui source code yang digunakan untuk membuat Aplikasi Penjualan Kopi Zoya

B. Rancangan Alur Aplikasi

1. Tampilan Awal

Tampilan diatas merupakan Tampilan awal dari aplikasi yang saya buat, yaitu aplikasi penjualan kopi zoya. Setelah Tampilan awal ini, maka akan langsung menuju ke form login.

2. Form Login

Form Login merupakan form yang digunakan untuk masuk ke menu utama dan kedalam program. Dengan cara memasukkan Username dan Password. Jika Password dan Username yang kita masukkan benar, maka akan berlanjut ke menu selanjutnya. Yaitu menu-menu yang ada pada penjualan Kopi Zoya.

3. **Form Menu Dalam Aplikasi Penjualan Kopi Zoya**

Pada form ini di dalamnya terdapat menu minuman atau kopi yang akan kita beli pada Kopi Zoya, Didalam form ini akan menampilkan 10 macam minuman atau kopi dengan harga yang bervariasi.

C. Source Code

1. Source Code Tampilan awal

```java
package kopizoyaa;

import javax.swing.JFrame;
import javax.swing.JOptionPane;

/**
 *
 * @author ASUS
 */
public class Tampilanawal extends javax.swing.JFrame {

    /**
     * Creates new form Tampilanawal
     */
    public Tampilanawal() {
        this.setExtendedState(JFrame.MAXIMIZED_BOTH);
        this.setUndecorated(true);
        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
```

```java
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jalan = new javax.swing.JProgressBar();
    loading = new javax.swing.JLabel();
    jumlah = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_
CLOSE);

    jPanel1.setBackground(new java.awt.Color(255, 204, 204));
    jPanel1.setLayout(new
org.netbeans.lib.awtextra.AbsoluteLayout());

    jLabel1.setFont(new  java.awt.Font("Rockwell  Extra  Bold",  1,
52)); // NOI18N
    jLabel1.setText("KOPI ZOYA");
    jPanel1.add(jLabel1,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(520, 90, -1, -1));
    jPanel1.add(jalan,                                     new
org.netbeans.lib.awtextra.AbsoluteConstraints(100, 480, 1090, 22));
```

```java
        loading.setFont(new java.awt.Font("Times New Roman", 0, 12));
// NOI18N
    loading.setText("loading");
    jPanel1.add(loading,                                new
org.netbeans.lib.awtextra.AbsoluteConstraints(100, 460, 160, -1));


        jumlah.setFont(new java.awt.Font("Times New Roman", 0, 12));
// NOI18N
    jumlah.setText("0%");
    jPanel1.add(jumlah,                                new
org.netbeans.lib.awtextra.AbsoluteConstraints(1160, 460, 30, -1));


        jLabel2.setIcon(new
javax.swing.ImageIcon("C:\\Users\\HP\\Pictures\\zoyakopi.jpg"));    //
NOI18N
    jPanel1.add(jLabel2,                                new
org.netbeans.lib.awtextra.AbsoluteConstraints(600, 180, 230, -1));


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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,                        1211,
Short.MAX_VALUE)
    );
```

```java
        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

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

    /**
     * @param args the command line arguments
     */
    public void masuk(){
    this.dispose();
    new Login ().setVisible(true);
    }
    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
         */
```

```java
        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(Tampilanawal.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

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

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

```java
Tampilanawal awal=new Tampilanawal();
awal.setVisible(true);
try{
    for(int i=0;i<=100;i++){
    Thread.sleep(50);
    awal.jalan.setValue(i);
    awal.jumlah.setText(i+"%");

    awal.jumlah.setText(i+"%");
    if(i==10){
        awal.loading.setText("Tunggu ya");
    }
    if(i==25){
        awal.loading.setText("Bentar lagi");
    }
    if(i==50){
        awal.loading.setText("Pakai Sabar sikit");
    }
    if(i==75){
        awal.loading.setText("Sudah mau selesai");
    }
    if(i==95){
        awal.loading.setText("Yok dipesan");
    }
    }
}
catch (Exception e){
    JOptionPane.showMessageDialog(null,e);
}
```

```java
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new Tampilanawal().setVisible(false);
                awal.masuk();
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JProgressBar jalan;
    private javax.swing.JLabel jumlah;
    private javax.swing.JLabel loading;
    // End of variables declaration
}
```

2 . Source Code Form Login

```java
package kopizoyaa;

import javax.swing.JFrame;
import javax.swing.JOptionPane;

/**
```

```java
 *
 * @author ASUS
 */
public class Login extends javax.swing.JFrame {

  /**
   * Creates new form Login
   */
  public Login() {
    this.setExtendedState(JFrame.MAXIMIZED_BOTH);
    this.setUndecorated(true);
    initComponents();
  }


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

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
```

```java
        jLabel4 = new javax.swing.JLabel();
        nama_pengguna = new javax.swing.JTextField();
        sandi_pengguna = new javax.swing.JTextField();
        keluar = new javax.swing.JButton();
        masuk = new javax.swing.JButton();


        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_
        CLOSE);


        jPanel1.setBackground(new java.awt.Color(255, 204, 204));
        jPanel1.setLayout(new
        org.netbeans.lib.awtextra.AbsoluteLayout());


        jLabel1.setFont(new java.awt.Font("Verdana", 1, 36)); // NOI18N
        jLabel1.setText("WELCOME TO");
        jPanel1.add(jLabel1,                                    new
        org.netbeans.lib.awtextra.AbsoluteConstraints(590, 80, -1, -1));


        jLabel2.setFont(new java.awt.Font("Verdana", 1, 48)); // NOI18N
        jLabel2.setText("KOPI ZOYA");
        jPanel1.add(jLabel2,                                    new
        org.netbeans.lib.awtextra.AbsoluteConstraints(570, 150, -1, -1));


        jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 14));
        // NOI18N
        jLabel3.setText("Username");
        jPanel1.add(jLabel3,                                    new
        org.netbeans.lib.awtextra.AbsoluteConstraints(580, 310, -1, -1));
```

```java
        jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 14));
// NOI18N
        jLabel4.setText("Password");
        jPanel1.add(jLabel4,                                              new
org.netbeans.lib.awtextra.AbsoluteConstraints(580, 340, -1, -1));


        nama_pengguna.setFont(new java.awt.Font("Times New Roman",
1, 14)); // NOI18N
        nama_pengguna.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                nama_penggunaActionPerformed(evt);
            }
        });
        jPanel1.add(nama_pengguna,                                       new
org.netbeans.lib.awtextra.AbsoluteConstraints(740, 300, 131, -1));


        sandi_pengguna.setFont(new java.awt.Font("Times New Roman",
1, 14)); // NOI18N
        sandi_pengguna.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                sandi_penggunaActionPerformed(evt);
            }
        });
        jPanel1.add(sandi_pengguna,                                       new
org.netbeans.lib.awtextra.AbsoluteConstraints(740, 340, 131, -1));
```

```java
    keluar.setBackground(new java.awt.Color(255, 204, 204));
    keluar.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
    keluar.setText("KELUAR");
    keluar.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            keluarActionPerformed(evt);
        }
    });
    jPanel1.add(keluar,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(390, 470, -1, -1));

    masuk.setBackground(new java.awt.Color(255, 204, 204));
    masuk.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
    masuk.setText("MASUK");
    masuk.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            masukActionPerformed(evt);
        }
    });
    jPanel1.add(masuk,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(950, 470, -1, -1));

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

```java
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,                          1102,
Short.MAX_VALUE)
        );
        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

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

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

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

```java
    private void masukActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        String dataku[] = new String[2];
        dataku[0] = "Rahmi";
        dataku[1] = "202013011";
        if (dataku[0].equals(nama_pengguna.getText()) && dataku[1].equals(sandi_pengguna.getText())) {
            MenuKopi masa_depan = new MenuKopi();//Membuat Instant dari kelas Menu
            masa_depan.main(dataku);
            masa_depan.setVisible(true);//Menampilkan kelas Menu
            this.dispose();//Menutup kelas Login
        }
    }

    private void nama_penggunaActionPerformed(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.ht
ml
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {

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

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

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

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

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

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

    public void kotak_pesan() {
        int dialogButton = JOptionPane.showConfirmDialog(null,
"Apakah Anda Yakin Akan Keluar?", "PERINGATAN",
JOptionPane.YES_NO_OPTION,
JOptionPane.WARNING_MESSAGE);

        if (dialogButton == JOptionPane.YES_OPTION) {
            System.exit(0);
        }
    }

    /**
     * Kotak Pesan Created TIF1B
     */
    public void kotak_pesan_login() {
```

```java
        int dialogButton = JOptionPane.showConfirmDialog(null, "Nama
Pengguna     Atau     Sandi     Salah?",     "PERINGATAN",
JOptionPane.WARNING_MESSAGE);
    }
    // Variables declaration - do not modify
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JButton keluar;
    private javax.swing.JButton masuk;
    private javax.swing.JTextField nama_pengguna;
    private javax.swing.JTextField sandi_pengguna;
    // End of variables declaration
}
```

3 Source Code Form Menu Kopi Zoya

```java
package kopizoyaa;

import javax.swing.JFrame;
import javax.swing.JOptionPane;

/**
 *
 * @author ASUS
 */
public class MenuKopi extends javax.swing.JFrame {
```

```java
/**
 * Creates new form MenuKopi
 */
public MenuKopi() {
    this.setExtendedState(JFrame.MAXIMIZED_BOTH);
    this.setUndecorated(true);
    initComponents();
}

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

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    a1 = new javax.swing.JCheckBox();
    a2 = new javax.swing.JCheckBox();
    a3 = new javax.swing.JCheckBox();
```

```java
a4 = new javax.swing.JCheckBox();
a5 = new javax.swing.JCheckBox();
a6 = new javax.swing.JCheckBox();
a7 = new javax.swing.JCheckBox();
a8 = new javax.swing.JCheckBox();
a9 = new javax.swing.JCheckBox();
a10 = new javax.swing.JCheckBox();
h1 = new javax.swing.JTextField();
h2 = new javax.swing.JTextField();
h3 = new javax.swing.JTextField();
h4 = new javax.swing.JTextField();
h5 = new javax.swing.JTextField();
h6 = new javax.swing.JTextField();
h7 = new javax.swing.JTextField();
h8 = new javax.swing.JTextField();
h9 = new javax.swing.JTextField();
h10 = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
j1 = new javax.swing.JTextField();
j2 = new javax.swing.JTextField();
j3 = new javax.swing.JTextField();
j4 = new javax.swing.JTextField();
j5 = new javax.swing.JTextField();
j6 = new javax.swing.JTextField();
j7 = new javax.swing.JTextField();
j8 = new javax.swing.JTextField();
j9 = new javax.swing.JTextField();
j10 = new javax.swing.JTextField();
jLabel5 = new javax.swing.JLabel();
```

```java
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
bayar = new javax.swing.JButton();
batal = new javax.swing.JButton();
Total = new javax.swing.JTextField();
pembayaran = new javax.swing.JTextField();
k = new javax.swing.JTextField();
keluar = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_
CLOSE);

    jPanel1.setBackground(new java.awt.Color(255, 204, 204));
    jPanel1.setLayout(new
org.netbeans.lib.awtextra.AbsoluteLayout());

    jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36));
// NOI18N
    jLabel1.setText("KOPI ZOYA");
    jPanel1.add(jLabel1,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(444, 47, -1, -1));

    jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 18));
// NOI18N
    jLabel2.setText("MENU");
    jPanel1.add(jLabel2,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(222, 141, -1, -1));
```

```java
        jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 18));
// NOI18N
    jLabel3.setText("HARGA");
    jPanel1.add(jLabel3,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(512, 141, -1, -1));


        jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 18));
// NOI18N
    jLabel4.setText("JUMLAH");
    jPanel1.add(jLabel4,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 140, -1, -1));


        a1.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
    a1.setText("Double Espresso");
    jPanel1.add(a1,                                         new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 180, 140, -1));


        a2.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
    a2.setText("Es Kopi Alpukat");
    jPanel1.add(a2,                                         new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 220, 140, -1));


        a3.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
    a3.setText("Kopi Gula Aren");
    jPanel1.add(a3,                                         new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 260, 140, -1));
```

```java
        a4.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
        a4.setText("Es Kopi Susu");
        a4.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                a4ActionPerformed(evt);
            }
        });
        jPanel1.add(a4,                              new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 300, 140, -1));


        a5.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
        a5.setText("Es Kopi Moka");
        jPanel1.add(a5,                              new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 340, 140, -1));


        a6.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
        a6.setText("Es Kopi Hitam");
        jPanel1.add(a6,                              new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 380, 140, -1));


        a7.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
        a7.setText("Es Kopi Pandan");
        jPanel1.add(a7,                              new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 420, 140, -1));
```

```java
    a8.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
    a8.setText("Kopi Ubi");
    a8.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        a8ActionPerformed(evt);
      }
    });
    jPanel1.add(a8,                                     new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 460, 140, -1));


    a9.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
    a9.setText("Caramel Kopi");
    a9.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        a9ActionPerformed(evt);
      }
    });
    jPanel1.add(a9,                                     new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 500, 140, -1));


    a10.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
    a10.setText("Cappucino Aren");
    a10.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        a10ActionPerformed(evt);
```

```java
        }
      });
      jPanel1.add(a10,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(180, 540, 140, -1));


      h1.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
      h1.setText("Rp 15.000");
      h1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
          h1ActionPerformed(evt);
        }
      });
      jPanel1.add(h1,                                     new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 180, 90, -1));


      h2.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
      h2.setText("Rp 25.000");
      jPanel1.add(h2,                                     new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 220, 90, -1));


      h3.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
      h3.setText("Rp 27.000");
      h3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
          h3ActionPerformed(evt);
        }
```

```java
        });
        jPanel1.add(h3,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 260, 90, -1));


        h4.setFont(new java.awt.Font("Times New Roman", 0,  14)); //
NOI18N
        h4.setText("Rp 18.000");
        jPanel1.add(h4,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 300, 90, -1));


        h5.setFont(new java.awt.Font("Times New Roman", 0,  14)); //
NOI18N
        h5.setText("Rp 15.000");
        jPanel1.add(h5,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 340, 90, -1));


        h6.setFont(new java.awt.Font("Times New Roman", 0,  14)); //
NOI18N
        h6.setText("Rp 10.000");
        jPanel1.add(h6,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 380, 90, -1));


        h7.setFont(new java.awt.Font("Times New Roman", 0,  14)); //
NOI18N
        h7.setText("Rp 23.000");
        jPanel1.add(h7,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 420, 90, -1));
```

```java
        h8.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        h8.setText("Rp 17.000");
        h8.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                h8ActionPerformed(evt);
            }
        });
        jPanel1.add(h8,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 460, 90, -1));


        h9.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        h9.setText("Rp 25.000");
        jPanel1.add(h9,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 500, 90, -1));


        h10.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        h10.setText("Rp 22.000");
        jPanel1.add(h10,                                         new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 540, 90, -1));


        jButton1.setBackground(new java.awt.Color(255, 204, 204));
        jButton1.setFont(new java.awt.Font("Times New Roman", 1, 14));
// NOI18N
        jButton1.setText("HITUNG");
        jButton1.addActionListener(new  java.awt.event.ActionListener()
{
```

```java
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });
    jPanel1.add(jButton1,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(570, 600, -1, -1));


    j1.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
    jPanel1.add(j1,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 180, 80, -1));


    j2.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
    jPanel1.add(j2,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 220, 80, -1));


    j3.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
    jPanel1.add(j3,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 260, 80, -1));


    j4.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
    jPanel1.add(j4,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 300, 80, -1));


    j5.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
```

```java
        jPanel1.add(j5,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 340, 80, -1));


        j6.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        jPanel1.add(j6,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 380, 80, -1));


        j7.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        jPanel1.add(j7,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 420, 80, -1));


        j8.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        jPanel1.add(j8,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 460, 80, -1));


        j9.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        jPanel1.add(j9,                                    new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 500, 80, -1));


        j10.setFont(new java.awt.Font("Times New Roman", 0, 14)); //
NOI18N
        jPanel1.add(j10,                                   new
org.netbeans.lib.awtextra.AbsoluteConstraints(770, 540, 80, -1));
```

```java
        jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 18));
// NOI18N
        jLabel5.setText("TOTAL");
        jPanel1.add(jLabel5,                                            new
org.netbeans.lib.awtextra.AbsoluteConstraints(890, 260, -1, -1));


        jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 18));
// NOI18N
        jLabel6.setText("PEMBAYARAN");
        jPanel1.add(jLabel6,                                           new
org.netbeans.lib.awtextra.AbsoluteConstraints(890, 300, -1, -1));


        jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 18));
// NOI18N
        jLabel7.setText("KEMBALIAN");
        jPanel1.add(jLabel7,                                           new
org.netbeans.lib.awtextra.AbsoluteConstraints(890, 340, -1, -1));


        bayar.setBackground(new java.awt.Color(255, 204, 204));
        bayar.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
        bayar.setText("BAYAR");
        bayar.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                bayarActionPerformed(evt);
            }
        });
        jPanel1.add(bayar,                                            new
org.netbeans.lib.awtextra.AbsoluteConstraints(890, 460, -1, -1));
```

```java
        batal.setBackground(new java.awt.Color(255, 204, 204));
        batal.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
        batal.setText("BATAL");
        batal.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                batalActionPerformed(evt);
            }
        });
        jPanel1.add(batal,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(730, 600, -1, -1));


        Total.setFont(new java.awt.Font("Times New Roman", 0, 18)); //
NOI18N
        jPanel1.add(Total,                                          new
org.netbeans.lib.awtextra.AbsoluteConstraints(1050, 260, 160, -1));


        pembayaran.setFont(new java.awt.Font("Times New Roman", 0,
18)); // NOI18N
        jPanel1.add(pembayaran,                                     new
org.netbeans.lib.awtextra.AbsoluteConstraints(1050, 300, 160, -1));


        k.setFont(new java.awt.Font("Times New Roman", 0, 18)); //
NOI18N
        jPanel1.add(k,                                              new
org.netbeans.lib.awtextra.AbsoluteConstraints(1050, 340, 160, -1));


        keluar.setBackground(new java.awt.Color(255, 204, 204));
```

```java
        keluar.setFont(new java.awt.Font("Times New Roman", 1, 14)); //
NOI18N
        keluar.setText("EXIT");
        keluar.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                keluarActionPerformed(evt);
            }
        });
        jPanel1.add(keluar,                                              new
org.netbeans.lib.awtextra.AbsoluteConstraints(1140, 460, -1, -1));


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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,                          1585,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(

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

```java
                .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,                    813,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, Short.MAX_VALUE))
        );

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

    private void a4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void a8ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void a9ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void a10ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void h1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }
```

```java
    private void h3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void h8ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    int total1=0, total2=0, total3=0, total4=0, total5=0,
total6=0,total7=0,total8=0, total9=0, total10=0,hasil;
        if (a1.isSelected()==true){
            int jumlah1 = Integer.parseInt(j1.getText());
            int harga1 = jumlah1*15000;
            total1 = total1 + harga1;
        }
        if (a2.isSelected()==true){
            int jumlah2 = Integer.parseInt(j2.getText());
            int harga2 = jumlah2*25000;
            total2 = total2 + harga2;
        }
        if (a3.isSelected()==true){
            int jumlah3 = Integer.parseInt(j3.getText());
            int harga3 = jumlah3*27000;
            total3 = total3 + harga3;
         }
        if (a4.isSelected()==true){
            int jumlah4 = Integer.parseInt(j4.getText());
```

```java
      int harga4 = jumlah4*18000;
      total4 = total4 + harga4;
    }
    if (a5.isSelected()==true){
      int jumlah5 = Integer.parseInt(j5.getText());
      int harga5 = jumlah5*15000;
      total5 = total5 + harga5;
    }
    if (a6.isSelected()==true){
      int jumlah6 = Integer.parseInt(j6.getText());
      int harga6 = jumlah6*10000;
      total6 = total6 + harga6;
    }
    if (a7.isSelected()==true){
      int jumlah7 = Integer.parseInt(j7.getText());
      int harga7 = jumlah7*23000;
      total7 = total7 + harga7;
    }
    if (a8.isSelected()==true){
      int jumlah8 = Integer.parseInt(j8.getText());
      int harga8 = jumlah8*17000;
      total8 = total8 + harga8;
    }
    if (a9.isSelected()==true){
      int jumlah9 = Integer.parseInt(j9.getText());
      int harga9= jumlah9*25000;
      total9 = total9 + harga9;
    }
    if (a10.isSelected()==true){
```

```java
        int jumlah10 = Integer.parseInt(j10.getText());
        int harga10 = jumlah10*22000;
        total10 = total10 + harga10;
    }
    hasil                                                        =
total1+total2+total3+total4+total5+total6+total7+total8+total9+total10
;
    this.Total.setText(""+hasil);
    }

    private void batalActionPerformed(java.awt.event.ActionEvent evt)
{
    a1.setSelected(false);
    a2.setSelected(false);
    a3.setSelected(false);
    a4.setSelected(false);
    a5.setSelected(false);
    a6.setSelected(false);
    a7.setSelected(false);
    a8.setSelected(false);
    a9.setSelected(false);
    a10.setSelected(false);
    j1.setText("");
    j2.setText("");
    j3.setText("");
    j4.setText("");
    j5.setText("");
    j6.setText("");
    j7.setText("");
```

```java
        j8.setText("");
        j9.setText("");
        j10.setText("");
        Total.setText("");
        k.setText("");
        pembayaran.setText("");
    }

    private void bayarActionPerformed(java.awt.event.ActionEvent evt)
{
        int bayar =0;
        int kembalian = 0;
        bayar = (Integer.parseInt(pembayaran.getText()));
        kembalian      =      (Integer.parseInt(pembayaran.getText())-
Integer.parseInt(Total.getText()));
        k.setText(""+kembalian);
    }

    private void  keluarActionPerformed(java.awt.event.ActionEvent
evt) {
        kotak_pesan();
    }

    /**
     * @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.ht
ml
     */
    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(MenuKopi.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

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

java.util.logging.Logger.getLogger(MenuKopi.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);
```

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

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

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

    // Variables declaration - do not modify
    private javax.swing.JTextField Total;
    private javax.swing.JCheckBox a1;
    private javax.swing.JCheckBox a10;
    private javax.swing.JCheckBox a2;
    private javax.swing.JCheckBox a3;
    private javax.swing.JCheckBox a4;
    private javax.swing.JCheckBox a5;
    private javax.swing.JCheckBox a6;
    private javax.swing.JCheckBox a7;
    private javax.swing.JCheckBox a8;
    private javax.swing.JCheckBox a9;
    private javax.swing.JButton batal;
    private javax.swing.JButton bayar;
```

```java
private javax.swing.JTextField h1;
private javax.swing.JTextField h10;
private javax.swing.JTextField h2;
private javax.swing.JTextField h3;
private javax.swing.JTextField h4;
private javax.swing.JTextField h5;
private javax.swing.JTextField h6;
private javax.swing.JTextField h7;
private javax.swing.JTextField h8;
private javax.swing.JTextField h9;
private javax.swing.JTextField j1;
private javax.swing.JTextField j10;
private javax.swing.JTextField j2;
private javax.swing.JTextField j3;
private javax.swing.JTextField j4;
private javax.swing.JTextField j5;
private javax.swing.JTextField j6;
private javax.swing.JTextField j7;
private javax.swing.JTextField j8;
private javax.swing.JTextField j9;
private javax.swing.JButton jButton1;
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.JPanel jPanel1;
```

```java
    private javax.swing.JTextField k;
    private javax.swing.JButton keluar;
    private javax.swing.JTextField pembayaran;
    // End of variables declaration
public void kotak_pesan() {
    int dialogButton = JOptionPane.showConfirmDialog(null,
"Terima Kasih Telah Berbelanja", "THANK YOU",
JOptionPane.YES_NO_OPTION,
JOptionPane.WARNING_MESSAGE);

    if (dialogButton == JOptionPane.YES_OPTION) {
        System.exit(0);
    }
  }
}
```

KESIMPULAN

Dalam pembuatan Aplikasi Penjualan Kopi Zoya ini telah berhasil dibuat menggunakan aplikasi NetBeans. Dimana tools-tools dalam aplikasi ini mampu membuat sebuah aplikasi penjualan kopi mulai dari tampilan awal, form login, serta menu-menu apa saja yang ada dalam penjualan kopi zoya ini. Penyusun sangat menyadari banyaknya kekurangan dalam pembuatan aplikasi penjualan kopi ini, Oleh karena itu penyusun meminta kritik dan saran dari pembaca dalam memperbaiki aplikasi penjualan kopi zoya.