

**LAPORAN PROGRES APLIKASI PBO**

**COKKORASA TEA & BUBBLE LIFE**



**Disusun Oleh**

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**PROGRAM STUDI TEKNIK INFORMATIKA**

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# PROGRES APLIKASI

## Source Code

### 1. Splash Screen

```
package cocorasaapri;

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
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    Generated Code

    public void masuk() {
        this.dispose();
        new Login ().setVisible(true);
    }

    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        Look and feel setting code (optional)

        /* Create and display the form */
        Tampilanawal awal=new Tampilanawal();
        awal.setVisible(true);
        try{
            for(int i=0;i<=100;i++){
                Thread.sleep(50);
                awal.jalan.setValue(i);
                awal.persen.setText(i+"%");

                awal.persen.setText(i+"%");
                if(i==10){
                    awal.loading.setText("Please Wait");
                }
                if(i==25){
                    awal.loading.setText("Loading");
                }
                if(i==50){
                    awal.loading.setText("Connecting...");
                }
            }
        }
    }
}
```

```

        if(i==75){
            awal.loading.setText("Connecting Succesfull");
        }
        if(i==95){
            awal.loading.setText("Run Aplication");
        }
    }
}
catch (Exception e){
    JOptionPane.showMessageDialog(null,e);
}
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new Tampilanawal().setVisible(false);
        awal.masuk();
    }
});
}
}

```

Di splash screen ini sudah tambahkan perintah if dimana pada saat berada di 10% akan tampil kata Please Wait, apabila 25% akan tampil kata Loading, apabila 50% akan tampil kata Connecting, apabila 75% akan tampil Connecting Succesfull dan apabila 95% akan tampil kata Run Aplication.

## 2. Login

```

package cocorasaapri;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JFrame;
import javax.swing.JOptionPane;

public class Login extends 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")

```

```

private void masukActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        Connection kon = (Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/login_pbo","root","");
        ResultSet as = kon.createStatement().executeQuery("select * from login where username = '"+nama_pengguna.getText()+"' and password = '"+String.valueOf(sandi_pengguna.getText())+"'");

        if(as.next()){
            MenuApp masadepan = new MenuApp();
            masadepan.main ("select * from login where username = '"+nama_pengguna.getText()+"'");
            masadepan.setVisible(true);
            masadepan.update(nama_pengguna.getText());
            this.dispose();
        }
        else{
            JOptionPane.showMessageDialog(rootPane, "Masukan Username dan Password dengan benar yah...!!");
        }
    } catch (Exception ex) {
        Logger.getLogger(Login.class.getName()).log(Level.SEVERE, null, ex);
    }
}

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

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 */
    Look and feel setting code (optional)

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

// Variables declaration - do not modify
private javax.swing.JLabel BackgroundImage;
private javax.swing.JPanel BackgroundPanelLogin;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
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

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);
    }
}

```

Di form Login ini sudah menggunakan database dimana yang boleh login hanya admin yang username dan password nya sudah terdapat di database login yang sudah dibuat.

### 3. Menu Aplikasi

```
package cocorasaapri;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.swing.JFrame;
import javax.swing.JOptionPane;

public class MenuApp extends javax.swing.JFrame {

    /**
     * Creates new form ViewApp
     */

    public static String test; //class umum

    public MenuApp() {
        this.setExtendedState(JFrame.MAXIMIZED_BOTH);
        this.setUndecorated(true);
        initComponents();
        kasir.setEnabled(false); //Agar textfield kasir tidak dapat diubah-ubah
    }

    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, hasil;
        if (CocoAvocado.isSelected() == true) {
            int jumlahCocoAvocado = Integer.parseInt(JmlCocoAvocado.getText());
            int hargaCocoAvocado = jumlahCocoAvocado * 18000;
            total1 = total1 + hargaCocoAvocado;
        }
        if (CocoCaramel.isSelected() == true) {
            int jumlahCocoCaramel = Integer.parseInt(JmlChocoCaramel.getText());
            int hargaCocoCaramel = jumlahCocoCaramel * 18000;
            total2 = total2 + hargaCocoCaramel;
        }
        if (VanilaoreoMedium.isSelected() == true) {
            int jumlahVanilaoreoMedium = Integer.parseInt(JmlVanilaOreo1.getText());
            int hargaVanilaoreoMedium = jumlahVanilaoreoMedium * 13500;
            total3 = total3 + hargaVanilaoreoMedium;
        }
        if (ThaiTea.isSelected() == true) {
            int jumlahThaiTea = Integer.parseInt(JmlThaiTea.getText());
            int hargaThaiTea = jumlahThaiTea * 13500;
            total4 = total4 + hargaThaiTea;
        }
        if (MiloOreo.isSelected() == true) {
            int jumlahMiloOreo = Integer.parseInt(JmlMiloOreo.getText());
            int hargaMiloOreo = jumlahMiloOreo * 13500;
            total5 = total5 + hargaMiloOreo;
        }
        if (CreamyCoco.isSelected() == true) {
            int jumlahCreamyCoco = Integer.parseInt(JmlCreamyChoco.getText());
            int hargaCreamyCoco = jumlahCreamyCoco * 13500;
            total6 = total6 + hargaCreamyCoco;
        }
        if (VanilaOreo.isSelected() == true) {
            int jumlahVanilaOreo = Integer.parseInt(JmlVanilaOreo.getText());
            int hargaVanilaOreo = jumlahVanilaOreo * 18000;
            total7 = total7 + hargaVanilaOreo;
        }
        if (CapucinoCoco.isSelected() == true) {
            int jumlahCapucinoCoco = Integer.parseInt(JmlCappucinoChoco.getText());
            int hargaCapucinoCoco = jumlahCapucinoCoco * 18000;
            total8 = total8 + hargaCapucinoCoco;
        }

        hasil = total1 + total2 + total3 + total4 + total5 + total6 + total7 + total8;
        this.Total.setText("" + hasil);

        try {
            Connection kon = (Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/login_pbo", "root", "");
            ResultSet rs = kon.createStatement().executeQuery("insert into histoki values (" + kasir.getText() + ", " + penBell.getText() + ")");
            this.Total.setText("" + hasil);
        } catch (Exception e) {
            System.out.println("Gagal");
        }
        //TxtTotal.setText(String.valueOf(total));
    }
}
```

```

private void CocoAvocadoActionPerformed(java.awt.event.ActionEvent evt) {
    if (CocoAvocado.isSelected() == true){
        JmlCocoAvocado.setText("");
    }
    else {
        JmlCocoAvocado.setEditable(false);
    }
}

private void VanilaoreoMediumActionPerformed(java.awt.event.ActionEvent evt) {
    if (VanilaoreoMedium.isSelected() == true){
        JmlVanilaOreo1.setText("");
    }
    else {
        JmlVanilaOreo1.setEditable(false);
    }
}

private void ThaiTeaActionPerformed(java.awt.event.ActionEvent evt) {
    if (ThaiTea.isSelected() == true){
        JmlThaiTea.setText("");
    }
    else {
        JmlThaiTea.setEditable(false);
    }
}

private void MiloOreoActionPerformed(java.awt.event.ActionEvent evt) {
    if (MiloOreo.isSelected() == true){
        JmlMiloOreo.setText("");
    }
    else {
        JmlMiloOreo.setEditable(false);
    }
}

private void CreamyCocoActionPerformed(java.awt.event.ActionEvent evt) {
    if (CreamyCoco.isSelected() == true){
        JmlCreamyChoco.setText("");
    }
    else {
        JmlCreamyChoco.setEditable(false);
    }
}

```

```

private void VanilaOreoActionPerformed(java.awt.event.ActionEvent evt) {
    if (VanilaOreo.isSelected() == true){
        JmlVanilaOreo.setText("");
    }
    else {
        JmlVanilaOreo.setEditable(false);
    }
}

private void CapucinoCocoActionPerformed(java.awt.event.ActionEvent evt) {
    if (CapucinoCoco.isSelected() == true){
        JmlCappucinoChoco.setText("");
    }
    else {
        JmlCappucinoChoco.setEditable(false);
    }
}

private void CocoCaramelActionPerformed(java.awt.event.ActionEvent evt) {
    if (CocoCaramel.isSelected() == true){
        JmlChocoCaramel.setText("");
    }
    else {
        JmlChocoCaramel.setEditable(false);
    }
}

private void bayarActionPerformed(java.awt.event.ActionEvent evt) {
    int harga = Integer.parseInt(pembayaran.getText());
    int total = Integer.parseInt(Total.getText());
    double uang_kembalian = harga-total;
    String kembalian = Double.toString(uang_kembalian);
    JOptionPane.showMessageDialog(null, "Kembalian : \n"+kembalian);
}

private void batalActionPerformed(java.awt.event.ActionEvent evt) {
    JmlChocoCaramel.setText("");
    JmlVanilaOreo.setText("");
    JmlCappucinoChoco.setText("");
    JmlCreamyChoco.setText("");
    JmlCocoAvocado.setText("");
    JmlVanilaOreo1.setText("");
    JmlThaiTea.setText("");
    JmlMiloOreo.setText("");
    pembayaran.setText("");
    Total.setText("");
    CocoCaramel.setSelected(false);
    CapucinoCoco.setSelected(false);
    VanilaOreo.setSelected(false);
    CreamyCoco.setSelected(false);
    MiloOreo.setSelected(false);
    ThaiTea.setSelected(false);
    VanilaoreoMedium.setSelected(false);
    CocoAvocado.setSelected(false);
}

```

```

public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    Look and feel setting code (optional)
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new MenuApp().setVisible(true);
        }
    });
}
/*
*fungsi dibawah untuk mengambil nilai dari frame sebelumnya
*/
void update(String str){
    kasir.setText(str);
}

```

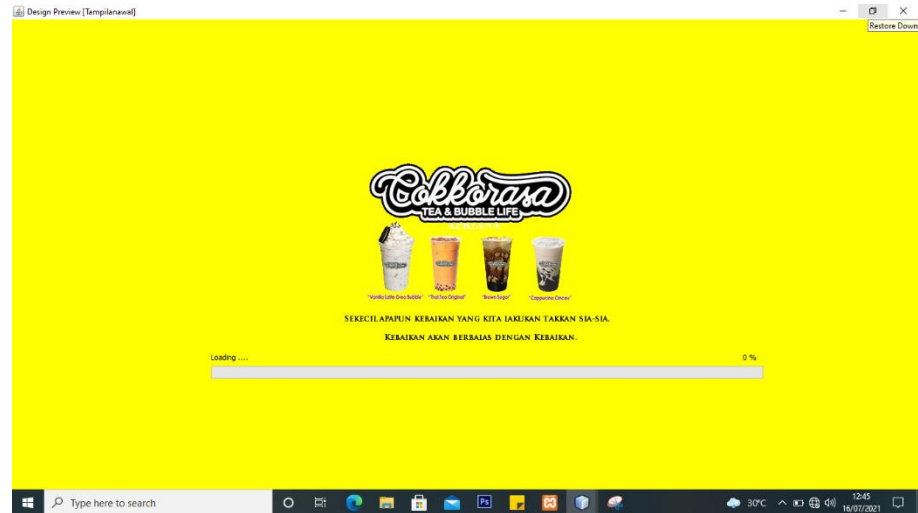
Di form Menu Aplikasi ini sudah ada penambahan tombol untuk menginputkan nama pembeli. Sudah terdapat juga tombol untuk batal dimana apabila ingin membatalkan pesanan maka menu yang telah dipilih dengan cara mencentang nya dan jumlah yang telah diinputkan akan otomatis akan terhapus. Disini juga sudah dimasukkan codingan untuk menghitung total secara otomatis dan disaat sudah diinputkan pembayaran nya dan di klik tombol bayar maka akan langsung terhitung berapa kembalian yang akan dikembalikan.

Disini juga sudah ditambahkan kolom untuk menampilkan kasir nya siapa. Nama kasir yang tampil adalah nama yang login di form loginnya.

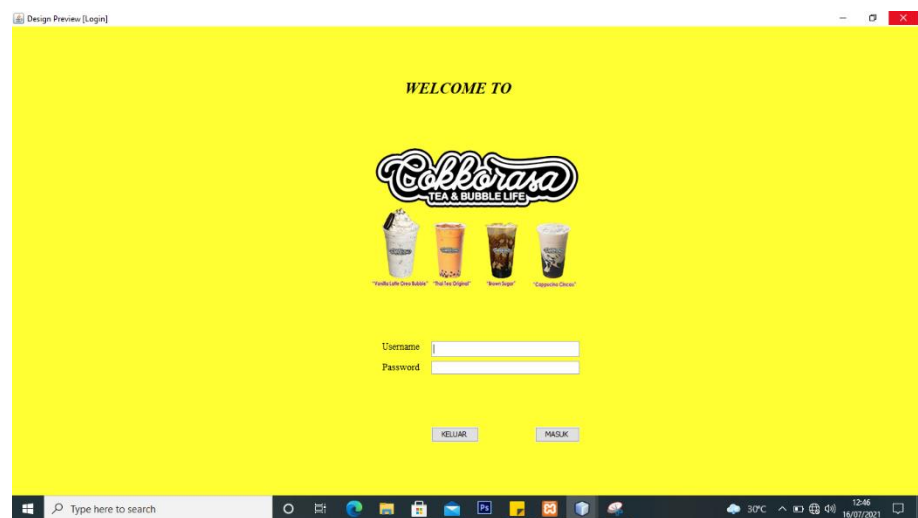


## Tampilan Aplikasi

### 1. Splash Screen



### 2. Login



### 3. Menu Aplikasi

Design Preview [MenuApp]

Nama  Cakhor

**COKKORASA BUBLE & TEA LIFE**

| Menu   | Harga                                 | Jumlah                              |
|--|---------------------------------------|-------------------------------------|
| <input type="checkbox"/> Choco Caramel (Large)       | Rp 18.000                             | <input type="text"/>                |
| <input type="checkbox"/> Cappuccino Choco (Large)    | Rp 18.000                             | <input type="text"/>                |
| <input type="checkbox"/> Vanilla Oreo Bubble (Large) | Rp 18.000                             | <input type="text"/>                |
| <input type="checkbox"/> Creamy Chocolate(Medium)    | Rp 13.500                             | <input type="text"/>                |
| <input type="checkbox"/> Milk Oreo (Medium)          | Rp 13.500                             | <input type="text"/>                |
| <input type="checkbox"/> Thai Tea Bubble (Medium)    | Rp 13.500                             | <input type="text"/>                |
| <input type="checkbox"/> Vanilla Oreo (Medium)       | Rp 13.500                             | <input type="text"/>                |
| <input type="checkbox"/> Choco Avocado (Large)       | Rp 18.000                             | <input type="text"/>                |
|  | <input type="button" value="Hitung"/> | <input type="text"/>                |
| <b>TOTAL</b>   | <input type="text"/>                  |                                     |
| <b>Pembayaran</b>                                    | <input type="text"/>                  |                                     |
| <input type="button" value="Bayar"/>                 | <input type="button" value="Batal"/>  | <input type="button" value="Next"/> |

Type here to search

30°C 12:45 16/07/2021