

## DAFTAR PUSTAKA

- [1] B.L, Al-Bahra. Analisis dan Desain Sistem Informasi:Graha Ilmu,2013.
- [2] Dennis,Alan et al.System Analysis and Design with UML Version 2.0 An Object-Oriented Approach 3rd ed:John Wiley & Sons,Inc.,2009.
- [3] H, Miftakhul.Membuat Aplikasi Database dengan Java,MySQL,dan NetBeans:PT Elex Media Komputindo,2010.
- [4] Indrajani. Bedah Kilat 1 Jam Pengantar dan Sistem Basis Data:PT Elex Media Komputindo,2011.
- [5]Yasin,Verdi. Rekayasa Perangkat Lunak Berorientasi Objek Pemodelan,Arsitektur dan Perancangan (Modeling, Architecture and Design):Mitra Wacana Media,2012.
- [6] <http://id.wikipedia.org/wiki/Informasi> Diakses Tanggal 17 April 2013
- [7] <http://id.wikipedia.org/wiki/Java> Diakses Tanggal 17 April 2013
- [8] <http://id.wikipedia.org/wiki/MySQL> Diakses Tanggal 17 April 2013
- [9][http://en.wikipedia.org/wiki/Rapid\\_application\\_development](http://en.wikipedia.org/wiki/Rapid_application_development) Diakses Tanggal17 April 2013
- [10] <http://id.wikipedia.org/wiki/Sistem> Diakses Tanggal 17 April 2013
- [11] [http://id.wikipedia.org/wiki/Sistem\\_informasi](http://id.wikipedia.org/wiki/Sistem_informasi) Diakses Tanggal 17 April 2013

**SURAT PELAKSANAAN OBSERVASI**

No.382/PSS/HRD/V/2013

Saya yang bertanda tangan dibawah ini:

Nama : Siti Masruroh

Jabatan : HRD Manager

Menerangkan bahwa :

Nama : Budi Panuntun

NIM : 41811110167

Universitas : Mercu Buana

Jurusan : Sistem Informasi

Adalah benar telah melaksanakan Observasi di divisi Bengkel di PT. Pandu Siwi Sentosa pada tanggal 31 Mei 2013

Demikianlah surat keterangan kami buat dengan sebenarnya untuk dipergunakan sebagaimana mestinya.

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Jakarta, 31 Mei 2013

PT PANDU SIWI SENTOSA



**Siti Masruroh**  
HRD Manager

## DAFTAR RIWAYAT HIDUP



**Budi Panuntun**  
**Laki - Laki, 24 th**  
**Perumahan Pondok Kopi Blok G8 No.1**  
**Jakarta Timur 13460**

### IDENTIFIKASI DIRI

NAMA : Budi Panuntun  
UMUR : 24 th (Magetan, 19 Februari 1989 )  
KELAMIN : Laki - Laki  
STATUS : Belum kawin  
AGAMA : Islam  
KEWARGANEGARAAN : Indonesia  
ALAMAT : Perumahan Pondok Kopi Blok G8 No. 1  
Jakarta Timur 13460  
TELEPHONE : (0351-891229 , 082115034009)

### PENDIDIKAN

- 2009-2013 Universitas Mercu Buana Jurusan Sistem Informasi Fakultas Ilmu Komputer
- 2003-2006 SMAN 3 Magetan
- 2000-2003 SMPN 4 Magetan
- 1994-2000 SDN Magetan 4

### **Class Main**

```
package apppandu;

public class Main {
    public static void main(String[] args) {
        // TODO code application logic here
        frmLogin l = new frmLogin();
        l.show();
    }
}
```

### **Class frmLogin**

```
package apppandu;

import javax.swing.JOptionPane;
import java.sql.Statement;
import java.sql.ResultSet;
import java.sql.Connection;
import java.sql.DriverManager;

public class frmLogin extends javax.swing.JFrame {
    public frmLogin() {
        initComponents();
    }
    private void fungsiLogin()
    {
        String host="localhost";
        String user="root";
        String password="";
        String db="datapandu";
        String urlValue="";

        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            urlValue="jdbc:mysql://" +host+"/" + db +"?user="+ user +"&password="+ password;

            Connection conn = DriverManager.getConnection(urlValue);

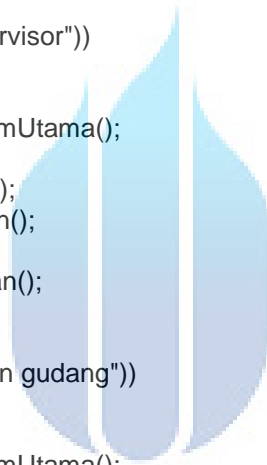
            Statement st = conn.createStatement();
            ResultSet rs = st.executeQuery("select nama,password,status from pengguna" + "
where nama=" + jTextField1.getText() + "" + "and password=" +
jPasswordField1.getText()+""");

            if (rs.next())
            {
                jTextField1.setText(rs.getString("nama"));
                jPasswordField1.setText(rs.getString("password"));
                String jbt = rs.getString("status");
            }
        }
    }
}
```

```

if(jbt.equals("admin"))
{
    frmUtama f = new frmUtama();
    f.show();
    f.fungsiPengguna();
    this.dispose();
}
else if(jbt.equals("manajer"))
{
    frmUtama f = new frmUtama();
    f.show();
    f.fungsiLapPengajuan();
    this.dispose();
}
else if(jbt.equals("supervisor"))
{
    frmUtama f = new frmUtama();
    f.show();
    f.fungsiLapEstimasi();
    f.fungsiLapPerbaikan();
    f.fungsiPengajuan();
    f.fungsiLapPengajuan();
    this.dispose();
}
else if(jbt.equals("admin gudang"))
{
    frmUtama f = new frmUtama();
    f.show();
    f.fungsiBarang();
    this.dispose();
}
else if(jbt.equals("bodi repair"))
{
    frmUtama f = new frmUtama();
    f.show();
    f.fungsiEstimasi();
    f.fungsiLapEstimasi();
    this.dispose();
}
else if(jbt.equals("mekanik"))
{
    frmUtama f = new frmUtama();
    f.show();
    f.fungsiPerbaikan();
    f.fungsiLapPerbaikan();
    this.dispose();
}
}

```



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```

        else if(jbt.equals("car wash"))
        {
            frmUtama f = new frmUtama();
            f.show();
            f.fungsiCuci();
            f.fungsiPengajuan();
            this.dispose();
        }
    }

    else
    {
        JOptionPane.showMessageDialog(this, "User tidak valid", "Informasi",
        JOptionPane.INFORMATION_MESSAGE);
    }
}
catch (SQLException e)
{
    System.out.println("koneksi gagal "+ e);
    JOptionPane.showMessageDialog(this, "Konektivitas Database belum terpasang",
    "Informasi", JOptionPane.INFORMATION_MESSAGE);
}
catch(ClassNotFoundException e)
{
    System.out.println("kelas gagal "+ e);
}
}

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

    System.exit(8);
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

    fungsiLogin();
}

```

### **Class frmUtama**

```

package apppandu;
public class frmUtama extends javax.swing.JFrame {

    public frmUtama() {
        initComponents();
    }
private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {

    frmLogin l = new frmLogin();
    l.show();
    this.dispose();
}
}

```

```
private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    Pengguna f = new Pengguna();  
    jDesktopPane1.add(f, javax.swing.JLayeredPane.DEFAULT_LAYER);  
    f.show();  
}  
  
private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    Estimasi f = new Estimasi();  
    jDesktopPane1.add(f, javax.swing.JLayeredPane.DEFAULT_LAYER);  
    f.show();  
}  
  
private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    Perbaikan f = new Perbaikan();  
    jDesktopPane1.add(f, javax.swing.JLayeredPane.DEFAULT_LAYER);  
    f.show();  
}  
  
private void jMenuItem8ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    frmTentangPengembang f = new frmTentangPengembang();  
    jDesktopPane1.add(f, javax.swing.JLayeredPane.DEFAULT_LAYER);  
    f.show();  
}  
  
private void jMenuItem6ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    Cuci f = new Cuci();  
    jDesktopPane1.add(f, javax.swing.JLayeredPane.DEFAULT_LAYER);  
    f.show();  
}  
  
private void jMenuItem7ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    LapEstimasi f = new LapEstimasi();  
    f.tampilKelas();  
}  
  
private void jMenuItem11ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    LapPerbaikan c = new LapPerbaikan();  
    c.tampilKelas();  
}  
  
private void jMenuItem12ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    LapPengajuan c = new LapPengajuan();  
    c.tampilKelas();  
}
```

```

private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {

    Pengajuan f = new Pengajuan();
    jDesktopPane1.add(f,javax.swing.JLayeredPane.DEFAULT_LAYER);
    f.show();
}

private void jMenuItem9ActionPerformed(java.awt.event.ActionEvent evt) {

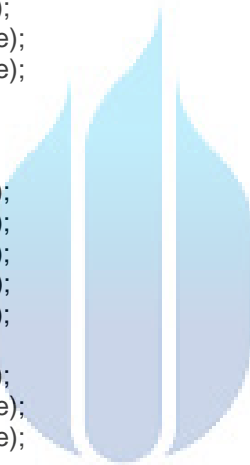
    Barang f = new Barang();
    jDesktopPane1.add(f,javax.swing.JLayeredPane.DEFAULT_LAYER);
    f.show();
}

void fungsiPengguna()
{
    jMenuItem1.setVisible(true);
    jMenuItem3.setVisible(false);
    jMenuItem5.setVisible(false);
    jMenuItem6.setVisible(false);
    jMenuItem4.setVisible(false);
    jMenuItem9.setVisible(false);
    jMenuItem7.setVisible(false);
    jMenuItem11.setVisible(false);
    jMenuItem12.setVisible(false);
}
void fungsiEstimasi()
{
    jMenuItem1.setVisible(false);
    jMenuItem3.setVisible(true);
    jMenuItem5.setVisible(false);
    jMenuItem6.setVisible(false);
    jMenuItem4.setVisible(false);
    jMenuItem9.setVisible(false);
    jMenuItem7.setVisible(false);
    jMenuItem11.setVisible(false);
    jMenuItem12.setVisible(false);
}
void fungsiPerbaikan()
{
    jMenuItem1.setVisible(false);
    jMenuItem3.setVisible(false);
    jMenuItem5.setVisible(true);
    jMenuItem6.setVisible(false);
    jMenuItem4.setVisible(false);
    jMenuItem9.setVisible(false);
    jMenuItem7.setVisible(false);
    jMenuItem11.setVisible(false);
    jMenuItem12.setVisible(false);
}
void fungsiCuci()
{
    jMenuItem1.setVisible(false);
    jMenuItem3.setVisible(false);
}

```



```
jMenuItem5.setVisible(false);
jMenuItem6.setVisible(true);
jMenuItem4.setVisible(false);
jMenuItem9.setVisible(false);
jMenuItem7.setVisible(false);
jMenuItem11.setVisible(false);
jMenuItem12.setVisible(false);
}
void fungsiPengajuan()
{
    jMenuItem1.setVisible(false);
    jMenuItem3.setVisible(false);
    jMenuItem5.setVisible(false);
    jMenuItem6.setVisible(false);
    jMenuItem4.setVisible(true);
    jMenuItem9.setVisible(false);
    jMenuItem7.setVisible(false);
    jMenuItem11.setVisible(false);
    jMenuItem12.setVisible(false);
}
void fungsiBarang()
{
    jMenuItem1.setVisible(false);
    jMenuItem3.setVisible(false);
    jMenuItem5.setVisible(false);
    jMenuItem6.setVisible(false);
    jMenuItem4.setVisible(false);
    jMenuItem9.setVisible(true);
    jMenuItem7.setVisible(false);
    jMenuItem11.setVisible(false);
    jMenuItem12.setVisible(false);
}
void fungsiLapEstimasi()
{
    jMenuItem1.setVisible(false);
    jMenuItem3.setVisible(false);
    jMenuItem5.setVisible(false);
    jMenuItem6.setVisible(false);
    jMenuItem4.setVisible(false);
    jMenuItem9.setVisible(false);
    jMenuItem7.setVisible(true);
    jMenuItem11.setVisible(false);
    jMenuItem12.setVisible(false);
}
void fungsiLapPerbaikan()
{
    jMenuItem1.setVisible(false);
    jMenuItem3.setVisible(false);
    jMenuItem5.setVisible(false);
    jMenuItem6.setVisible(false);
    jMenuItem4.setVisible(false);
    jMenuItem9.setVisible(false);
    jMenuItem7.setVisible(false);
    jMenuItem11.setVisible(true);
```



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```

        jMenuItem12.setVisible(false);
    }
    void fungsiLapPengajuan()
    {
        jMenuItem1.setVisible(false);
        jMenuItem3.setVisible(false);
        jMenuItem5.setVisible(false);
        jMenuItem6.setVisible(false);
        jMenuItem4.setVisible(false);
        jMenuItem9.setVisible(false);
        jMenuItem7.setVisible(false);
        jMenuItem11.setVisible(false);
        jMenuItem12.setVisible(true);
    }

```

### Class Pengguna

```

package apppandu;

import javax.swing.JOptionPane;
import java.sql.Statement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.JTable;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

public class Pengguna extends javax.swing.JInternalFrame {

    private String host="localhost";
    private String user="root";
    private String password="";
    private String db="datapandu";
    private String urlValue="";
    private Connection Lconnection=null;
    private JTable table=null;

    public Pengguna() {
        initComponents();

        koneksiDatabase();
        tampilTabel();
    }
    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        fungsiHapus();
    }

```

```

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

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

public void fungsiSimpan()
{
    try
    {
        PreparedStatement pStatement = null;
        String sql ="insert into pengguna"+
        "(id_pengguna,nama,status,password)+"values(?,?,?,?)";
        pStatement = Lconnection.prepareStatement(sql);
        pStatement.setString(1, jTextField1.getText());
        pStatement.setString(2, jTextField2.getText());
        pStatement.setString(3, jTextField3.getText());
        pStatement.setString(4, jTextField4.getText());

        int tambah= pStatement.executeUpdate();
        if(tambah>0)
        {
            JOptionPane.showMessageDialog(this, "Input telah
            dilaksanakan","Pesan", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Input data gagal","Pesan",
            JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        Lconnection.close();

        tampilTabel();

        jTextField1.setText("");
        jTextField2.setText("");
        jTextField3.setText("");

    }
    catch(SQLException e)

```

```

    {
        System.out.println("kesalahan sql Tombol Simpan"+e);//hanya
        ditampilkan melalui console
        JOptionPane.showMessageDialog(this, "Data kesalahan sql Exception
        bagian Tombol Simpan","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void fungsiHapus()
{
    String usrid = table.getValueAt(table.getSelectedRow(),0).toString();

    try
    {
        PreparedStatement pStatement = null;
        String sql ="delete from pengguna " + " where id_pengguna=? ";
        pStatement = Lconnection.prepareStatement(sql);

        pStatement.setString(1, usrid);

        int intTambah= pStatement.executeUpdate();
        if (intTambah>0)
        {
            JOptionPane.showMessageDialog(this, "Hapus data sukses",
            "Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Hapus data gagal",
            "Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        tampilTabel();
    }
    catch (SQLException e)
    {
        System.out.println("koneksi gagal " + e);
        JOptionPane.showMessageDialog(this, "kesalahan sql bagian
        fungsiHapus", "Informasi", JOptionPane.INFORMATION_MESSAGE);
    }
}

public Object[][] getData()
{
    Object[][] data1 = null;

```

```

try
{
    koneksiDatabase();

    Statement st = Lconnection.createStatement();
    ResultSet rs = st.executeQuery("Select id_pengguna,nama,status from
pengguna");

    rs.last();
    int rowCount = rs.getRow();
    rs.beforeFirst();

    data1 = new Object[rowCount][3];
    int no =-1;
    while(rs.next())
    {
        no=no+1;
        data1 [no][0]=rs.getString("id_pengguna");
        data1 [no][1]=rs.getString("nama");
        data1 [no][2]=rs.getString("status");

    }

    st.close();
    Lconnection.close();

}
catch(SQLException e)
{
    System.out.println("sql bagian #getData# gagal"+e);
    JOptionPane.showMessageDialog(this, "sql Exception bagian
#getData# gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    this.dispose();
}
return data1;
}

public void tampilTabel()
{
    try
    {
        String[] columnNames = {"ID Pengguna","Nama","Status"};
        table = new JTable(getData(), columnNames);

        jScrollPane1.setViewportViewView(table);
    }
}

```

```

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(this, "#tampilTabel#
gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void koneksiDatabase()
{
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
        urlValue="jdbc:mysql://"+ host +"/"+ db +"?user="+ user +
"&password="+ password;

        Lconnection = DriverManager.getConnection(urlValue);
    }
    catch(SQLException e)
    {
        System.out.println("kesalahan sql method koneksiDatabase"+e);
        JOptionPane.showMessageDialog(this, " kesalahan sql Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
    catch(ClassNotFoundException e)
    {
        System.out.println("driver database jdbc tidak ditemukan"+e);
        JOptionPane.showMessageDialog(this, " kesalahan kelas Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
}
}}

```

### **Class Estimasi**

```
package apppandu;
```

```

import javax.swing.JOptionPane;
import java.sql.Statement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.JTable;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

```

```

public class Estimasi extends javax.swing.JInternalFrame {

    private String host="localhost";
    private String user="root";
    private String password="";
    private String db="datapandu";
    private String urlValue="";
    private Connection Lconnection=null;
    private JTable table=null;

    public Estimasi() {
        initComponents();

        koneksiDatabase();
        tampilTabel();
    }

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

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

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.dispose();
    }

    public void fungsiSimpan()
    {
        try
        {
            PreparedStatement pStatement = null;
            String sql ="insert into kerusakan"+
            "(id_kerusakan,no_pol,pengemudi,jenis_kerusakan)+"values(?,?,?,?)";
            pStatement = Lconnection.prepareStatement(sql);
            pStatement.setString(1, jTextField1.getText());
            pStatement.setString(2, jTextField2.getText());
            pStatement.setString(3, jTextField3.getText());
            pStatement.setString(4, jTextField4.getText());

            int tambah= pStatement.executeUpdate();

```

```

        if(tambah>0)
        {
            JOptionPane.showMessageDialog(this, "Input telah
dilaksanakan","Pesan", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Input data gagal","Pesan",
JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        Lconnection.close();

        tampilTabel();

        jTextField1.setText("");
        jTextField2.setText("");
        jTextField3.setText("");
        jTextField4.setText("");
    }
    catch(SQLException e)
    {
        System.out.println("kesalahan sql Tombol Simpan"+e);
        JOptionPane.showMessageDialog(this, "Data kesalahan sql Exception
bagian Tombol Simpan","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void fungsiHapus()
{
    String usrid = table.getValueAt(table.getSelectedRow(),0).toString();

    try
    {
        PreparedStatement pStatement = null;
        String sql ="delete from kerusakan " + " where id_kerusakan=? ";
        pStatement = Lconnection.prepareStatement(sql);

        pStatement.setString(1, usrid);

        int intTambah= pStatement.executeUpdate();
        if (intTambah>0)
        {
            JOptionPane.showMessageDialog(this, "Hapus data sukses",
"Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
    }
}

```



```

else
{
    JOptionPane.showMessageDialog(this, "Hapus data gagal",
    "Informasi", JOptionPane.INFORMATION_MESSAGE);
}
pStatement.close();
tampilTabel();
}
catch (SQLException e)
{
    System.out.println("koneksi gagal " + e);
    JOptionPane.showMessageDialog(this, "kesalahan sql bagian
fungsiHapus", "Informasi", JOptionPane.INFORMATION_MESSAGE);
}
}
public Object[][] getData()
{
    Object[][] data1 = null;

    try
    {
        koneksiDatabase();

        Statement st = Lconnection.createStatement();
        ResultSet rs = st.executeQuery("Select * from kerusakan");

        rs.last();
        int rowCount = rs.getRow();
        rs.beforeFirst();

        data1 = new Object[rowCount][4];
        int no = -1;
        while(rs.next())
        {
            no=no+1;
            data1 [no][0]=rs.getString("id_kerusakan");
            data1 [no][1]=rs.getString("no_pol");
            data1 [no][2]=rs.getString("pengemudi");
            data1 [no][3]=rs.getString("jenis_kerusakan");
        }

        st.close();
    }
    catch(SQLException e)
    {
        System.out.println("sql bagian #getData# gagal"+e);
    }
}

```

```

        JOptionPane.showMessageDialog(this, "sql Exception bagian
#getData# gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
        this.dispose();
    }
    return data1;
}

public void tampilTabel()
{
    try
    {
        String[] columnNames = {"ID Kerusakan","Nomor
Polisi","Pengemudi","Jenis Kerusakan"};
        table = new JTable(getData(), columnNames);

        jScrollPane1.setViewportViewView(table);
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(this, "#tampilTabel#
gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void koneksiDatabase()
{
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
        urlValue="jdbc:mysql://"+ host +"/"+ db +"?user="+ user +
"&password="+ password;
        Lconnection = DriverManager.getConnection(urlValue);
    }
    catch(SQLException e)
    {
        System.out.println("kesalahan sql method koneksiDatabase"+e);
        JOptionPane.showMessageDialog(this, " kesalahan sql Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
    catch(ClassNotFoundException e)
    {
        System.out.println("driver database jdbc tidak ditemukan"+e);
    }
}

```

```

        JOptionPane.showMessageDialog(this, " kesalahan kelas Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
}

```

### **Class Pengajuan**

```

package apppandu;

```

```

import javax.swing.JOptionPane;
import java.sql.Statement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.JTable;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

```

```

public class Pengajuan extends javax.swing.JInternalFrame {

```

```

    private String host="localhost";
    private String user="root";
    private String password="";
    private String db="datapandu";
    private String urlValue="";
    private Connection lconnection=null;
    private JTable table=null;

```

```

public Pengajuan() {
    initComponents();

    koneksiDatabase();
    tampilTabel();
}

```

```

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

```

```

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

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}
public void fungsiSimpan()
{
    try
    {
        PreparedStatement pStatement = null;
        String sql ="insert into pengajuan_bahan"+
        "(id_pengajuan,jenis,harga,jumlah)+"values(?,?,?,?)";
        pStatement = Lconnection.prepareStatement(sql);
        pStatement.setString(1, jTextField1.getText());
        pStatement.setString(2, jTextField2.getText());
        pStatement.setString(3, jTextField3.getText());
        pStatement.setString(4, jTextField4.getText());

        int tambah= pStatement.executeUpdate();
        if(tambah>0)
        {
            JOptionPane.showMessageDialog(this, "Input telah
dilaksanakan","Pesan", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Input data gagal","Pesan",
JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        Lconnection.close();

        tampilTabel();

        jTextField1.setText("");
        jTextField2.setText("");
        jTextField3.setText("");
        jTextField4.setText("");
    }
    catch(SQLException e)
    {
        System.out.println("kesalahan sql Tombol Simpan"+e);
        JOptionPane.showMessageDialog(this, "Data kesalahan sql Exception
bagian Tombol Simpan","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}
}

```

```

public void fungsiHapus()
{
    String usrid = table.getValueAt(table.getSelectedRow(),0).toString();

    try
    {
        PreparedStatement pStatement = null;
        String sql ="delete from pengajuan_bahan " + " where id_pengajuan=?";
";
        pStatement = Lconnection.prepareStatement(sql);

        pStatement.setString(1, usrid);

        int intTambah= pStatement.executeUpdate();
        if (intTambah>0)
        {
            JOptionPane.showMessageDialog(this, "Hapus data sukses",
"Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Hapus data gagal",
"Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        tampilTabel();
    }
    catch (SQLException e)
    {
        System.out.println("koneksi gagal " + e);
        JOptionPane.showMessageDialog(this, "kesalahan sql bagian
fungsiHapus", "Informasi", JOptionPane.INFORMATION_MESSAGE);
    }
}

public Object[][] getData()
{
    Object[][] data1 = null;

    try
    {
        koneksiDatabase();

        Statement st = Lconnection.createStatement();
        ResultSet rs = st.executeQuery("Select * from pengajuan_bahan");

        rs.last();
    }
}

```

```

int rowCount = rs.getRow();
rs.beforeFirst();

data1 = new Object[rowCount][4];
int no = -1;
while(rs.next())
{
    no=no+1;
    data1 [no][0]=rs.getString("id_pengajuan");
    data1 [no][1]=rs.getString("jenis");
    data1 [no][2]=rs.getString("harga");
    data1 [no][3]=rs.getString("jumlah");
}

st.close();
}
catch(SQLException e)
{
    System.out.println("sql bagian #getData# gagal"+e);
    JOptionPane.showMessageDialog(this, "sql Exception bagian
#getData# gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    this.dispose();
}
return data1;
}

public void tampilTabel()
{
    try
    {
        String[] columnNames = {"ID Pengajuan","Jenis","Harga","Jumlah"};
        table = new JTable(getData(), columnNames);

        jScrollPane1.setViewportViewView(table);
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(this, " #tampilTabel#
gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void koneksiDatabase()
{
    try
    {

```

```

        Class.forName("com.mysql.jdbc.Driver");
        urlValue="jdbc:mysql://" + host + "/" + db + "?user=" + user +
"&password="+ password;

        Lconnection = DriverManager.getConnection(urlValue);
    }
    catch(SQLException e)
    {
        System.out.println("kesalahan sql method koneksiDatabase"+e);
        JOptionPane.showMessageDialog(this, " kesalahan sql Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
    catch(ClassNotFoundException e)
    {
        System.out.println("driver database jdbc tidak ditemukan"+e);
        JOptionPane.showMessageDialog(this, " kesalahan kelas Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
}}

```

### **Class Perbaikan**

```

package apppandu;

import javax.swing.JOptionPane;
import java.sql.Statement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.JTable;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

public class Perbaikan extends javax.swing.JInternalFrame {

    private String host="localhost";
    private String user="root";
    private String password="";
    private String db="datapandu";
    private String urlValue="";
    private Connection Lconnection=null;
    private JTable table=null;

    public Perbaikan() {

```

```

initComponents();

koneksiDatabase();
tampilTabel();
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
fungsiHapus();
}

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

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
this.dispose();
}
public void fungsiSimpan()
{
try
{
PreparedStatement pStatement = null;
String sql ="insert into perbaikan"+
"(no_pol,tipe,pengemudi,kilometer,masuk,keluar,keluhan,pemeriksaan,usulan
,hasil,mekanik,supervisor)+"values(?,?,?,?,?,?,?,?,?,?,?)";
pStatement = Lconnection.prepareStatement(sql);
pStatement.setString(1, jTextField1.getText());
pStatement.setString(2, jTextField2.getText());
pStatement.setString(3, jTextField3.getText());
pStatement.setString(4, jTextField4.getText());
pStatement.setString(5, jTextField5.getText());
pStatement.setString(6, jTextField6.getText());
pStatement.setString(7, jTextField7.getText());
pStatement.setString(8, jTextField8.getText());
pStatement.setString(9, jTextField9.getText());
pStatement.setString(10, jTextField10.getText());
pStatement.setString(11, jTextField11.getText());
pStatement.setString(12, jTextField12.getText());

int tambah= pStatement.executeUpdate();
if(tambah>0)
{
JOptionPane.showMessageDialog(this, "Input telah
dilaksanakan","Pesan", JOptionPane.INFORMATION_MESSAGE);
}
}
}
}

```



```

    }
    else
    {
        JOptionPane.showMessageDialog(this, "Input data gagal","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
    pStatement.close();
    Lconnection.close();

    tampilTabel();

    jTextField1.setText("");
    jTextField2.setText("");
    jTextField3.setText("");
    jTextField4.setText("");
    jTextField5.setText("");
    jTextField6.setText("");
    jTextField7.setText("");
    jTextField8.setText("");
    jTextField9.setText("");
    jTextField10.setText("");
    jTextField11.setText("");
    jTextField12.setText("");
}
catch(SQLException e)
{
    System.out.println("kesalahan sql Tombol Simpan"+e);//hanya
ditampilkan melalui console
    JOptionPane.showMessageDialog(this, "Data kesalahan sql Exception
bagian Tombol Simpan","Pesan", JOptionPane.INFORMATION_MESSAGE);
}
}

public void fungsiHapus()
{
    String usrid = table.getValueAt(table.getSelectedRow(),0).toString();

    try
    {
        PreparedStatement pStatement = null;
        String sql ="delete from perbaikan " + " where no_pol=? ";
        pStatement = Lconnection.prepareStatement(sql);

        pStatement.setString(1, usrid);

        int intTambah= pStatement.executeUpdate();

```

```

        if (intTambah>0)
        {
            JOptionPane.showMessageDialog(this, "Hapus data sukses",
            "Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Hapus data gagal",
            "Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        tampilTabel();
    }
    catch (SQLException e)
    {
        System.out.println("koneksi gagal " + e);
        JOptionPane.showMessageDialog(this, "kesalahan sql bagian
        fungsiHapus", "Informasi", JOptionPane.INFORMATION_MESSAGE);
    }
}
public Object[][] getData()
{
    Object[][] data1 = null;

    try
    {
        koneksiDatabase();

        Statement st = Lconnection.createStatement();
        ResultSet rs = st.executeQuery("Select * from perbaikan");

        rs.last();
        int rowCount = rs.getRow();
        rs.beforeFirst();

        data1 = new Object[rowCount][12];
        int no =-1;
        while(rs.next())
        {
            no=no+1;
            data1 [no][0]=rs.getString("no_pol");
            data1 [no][1]=rs.getString("pengemudi");
            data1 [no][2]=rs.getString("masuk");
            data1 [no][3]=rs.getString("keluar");
            data1 [no][4]=rs.getString("keluhan");
            data1 [no][5]=rs.getString("usulan");

```

```

        data1[no][6]=rs.getString("mekanik");
        data1[no][7]=rs.getString("supervisor");
    }

    st.close();
}
catch(SQLException e)
{
    System.out.println("sql bagian #getData# gagal"+e);
    JOptionPane.showMessageDialog(this, "sql Exception bagian
#getData# gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    this.dispose();
}
return data1;
}

public void tampilTabel()
{
    try
    {
        String[] columnNames = {"Nomor Polisi","Pengemudi","Masuk
Tanggal","Keluar Tanggal","Keluhan","Mekanik","Supervisor"};
        table = new JTable(getData(), columnNames);

        jScrollPane1.setViewportViewView(table);
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(this," #tampilTabel#
gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void koneksiDatabase()
{
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
        urlValue="jdbc:mysql:/" + host + "/" + db + "?user=" + user +
"&password="+ password;

        Lconnection = DriverManager.getConnection(urlValue);
    }
    catch(SQLException e)
    {

```

```

        System.out.println("kesalahan sql method
koneksiDatabase"+e);//hanya ditampilkan melalui console
        JOptionPane.showMessageDialog(this, " kesalahan sql Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
    catch(ClassNotFoundException e)
    {
        System.out.println("driver database jdbc tidak ditemukan"+e);//hanya
ditampilkan melalui console
        JOptionPane.showMessageDialog(this, " kesalahan kelas Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
}
}}

```

### **Class Cuci**

```

package apppandu;

import javax.swing.JOptionPane;
import java.sql.Statement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.JTable;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

public class Cuci extends javax.swing.JInternalFrame {

    private String host="localhost";
    private String user="root";
    private String password="";
    private String db="datapandu";
    private String urlValue="";
    private Connection lconnection=null;
    private JTable table=null;

    public Cuci() {
        initComponents();

        koneksiDatabase();
        tampilTabel();
    }
}

```

```

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

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

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}
public void fungsiSimpan()
{
    try
    {
        PreparedStatement pStatement = null;
        String sql ="insert into order_cuci"+
        "(id_order,pengemudi,no_pol,tanggal)"+"values(?,?,?,?)";
        pStatement = Lconnection.prepareStatement(sql);
        pStatement.setString(1, jTextField1.getText());
        pStatement.setString(2, jTextField2.getText());
        pStatement.setString(3, jTextField3.getText());
        pStatement.setString(4, jTextField4.getText());

        int tambah= pStatement.executeUpdate();
        if(tambah>0)
        {
            JOptionPane.showMessageDialog(this, "Input telah
            dilaksanakan","Pesan", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Input data gagal","Pesan",
            JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        Lconnection.close();

        tampilTabel();

        jTextField1.setText("");
        jTextField2.setText("");
        jTextField3.setText("");
    }
}

```

```

        jTextField4.setText("");
    }
    catch(SQLException e)
    {
        System.out.println("kesalahan sql Tombol Simpan"+e);//hanya
        ditampilkan melalui console
        JOptionPane.showMessageDialog(this, "Data kesalahan sql Exception
        bagian Tombol Simpan","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void fungsiHapus()
{
    String usrid = table.getValueAt(table.getSelectedRow(),0).toString();

    try
    {
        PreparedStatement pStatement = null;
        String sql ="delete from order_cuci " + " where id_order=? ";
        pStatement = Lconnection.prepareStatement(sql);

        pStatement.setString(1, usrid);

        int intTambah= pStatement.executeUpdate();
        if (intTambah>0)
        {
            JOptionPane.showMessageDialog(this, "Hapus data sukses",
            "Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Hapus data gagal",
            "Informasi", JOptionPane.INFORMATION_MESSAGE);
        }
        pStatement.close();
        tampilTabel();
    }
    catch (SQLException e)
    {
        System.out.println("koneksi gagal " + e);
        JOptionPane.showMessageDialog(this, "kesalahan sql bagian
        fungsiHapus", "Informasi", JOptionPane.INFORMATION_MESSAGE);
    }
}

public Object[][] getData()
{

```

```

Object[][] data1 = null;

try
{
    koneksiDatabase();

    Statement st = Lconnection.createStatement();
    ResultSet rs = st.executeQuery("Select * from order_cuci");

    rs.last();
    int rowCount = rs.getRow();
    rs.beforeFirst();

    data1 = new Object[rowCount][4];
    int no = -1;
    while(rs.next())
    {
        no=no+1;
        data1 [no][0]=rs.getString("id_order");
        data1 [no][1]=rs.getString("pengemudi");
        data1 [no][2]=rs.getString("no_pol");
        data1 [no][3]=rs.getString("tanggal");
    }

    st.close();
}
catch(SQLException e)
{
    System.out.println("sql bagian #getData# gagal"+e);
    JOptionPane.showMessageDialog(this, "sql Exception bagian
#getData# gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    this.dispose();
}
return data1;
}

public void tampilTabel()
{
    try
    {
        String[] columnNames = {"ID Order Cuci","Pengemudi","Nomor
Polisi","Tanggal"};
        table = new JTable(getData(), columnNames);

        jScrollPane1.setViewportViewView(table);
    }
}

```

```

        catch(Exception e)
        {
            JOptionPane.showMessageDialog(this, "#tampilTabel#
gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
        }
    }

    public void koneksiDatabase()
    {
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            urlValue="jdbc:mysql://" + host + "/" + db + "?user=" + user +
"&password="+ password;

            Lconnection = DriverManager.getConnection(urlValue);
        }
        catch(SQLException e)
        {
            System.out.println("kesalahan sql method
koneksiDatabase"+e);//hanya ditampilkan melalui console
            JOptionPane.showMessageDialog(this, " kesalahan sql Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
        }
        catch(ClassNotFoundException e)
        {
            System.out.println("driver database jdbc tidak ditemukan"+e);//hanya
ditampilkan melalui console
            JOptionPane.showMessageDialog(this, " kesalahan kelas Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
        }
    }
}

```

### **Class Barang**

```

package apppandu;

import javax.swing.JOptionPane;
import java.sql.Statement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.JTable;
import java.sql.Connection;
import java.sql.DriverManager;

```



```

import java.sql.PreparedStatement;

public class Barang extends javax.swing.JInternalFrame {

    private String host="localhost";
    private String user="root";
    private String password="";
    private String db="datapandu";
    private String urlValue="";
    private Connection Lconnection=null;
    private JTable table=null;

public Barang() {
    initComponents();

    koneksiDatabase();
    tampilTabel();
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    fungsiHapus();
}

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

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

public void fungsiSimpan()
{
    try
    {
        PreparedStatement pStatement = null;
        String sql ="insert into gudang"+
        "(nomor,no_sparepart,barang,tanggal,no_pol,status,stock,pemohon,keterangan)"+"values(?,?,?,?,?,?,?,?)";
        pStatement = Lconnection.prepareStatement(sql);
        pStatement.setString(1, jTextField1.getText());
        pStatement.setString(2, jTextField2.getText());
        pStatement.setString(3, jTextField3.getText());
        pStatement.setString(4, jTextField4.getText());
    }
}
}

```

```

pStatement.setString(5, jTextField5.getText());
pStatement.setString(6, jTextField6.getText());
pStatement.setString(7, jTextField7.getText());
pStatement.setString(8, jTextField8.getText());
pStatement.setString(9, jTextField9.getText());

int tambah= pStatement.executeUpdate();
if(tambah>0)
{
    JOptionPane.showMessageDialog(this, "Input telah
dilaksanakan","Pesan", JOptionPane.INFORMATION_MESSAGE);
}
else
{
    JOptionPane.showMessageDialog(this, "Input data gagal","Pesan",
JOptionPane.INFORMATION_MESSAGE);
}
pStatement.close();
Lconnection.close();

tampilTabel();

jTextField1.setText("");
jTextField2.setText("");
jTextField3.setText("");
jTextField4.setText("");
jTextField5.setText("");
jTextField6.setText("");
jTextField7.setText("");
jTextField8.setText("");
jTextField9.setText("");
}
catch(SQLException e)
{
    System.out.println("kesalahan sql Tombol Simpan"+e);//hanya
ditampilkan melalui console
    JOptionPane.showMessageDialog(this, "Data kesalahan sql Exception
bagian Tombol Simpan","Pesan", JOptionPane.INFORMATION_MESSAGE);
}
}

public void fungsiHapus()
{
    String usrid = table.getValueAt(table.getSelectedRow(),0).toString();

    try

```

```

{
    PreparedStatement pStatement = null;
    String sql ="delete from gudang " + " where nomor=? ";
    pStatement = Lconnection.prepareStatement(sql);

    pStatement.setString(1, usrId);

    int intTambah= pStatement.executeUpdate();
    if (intTambah>0)
    {
        JOptionPane.showMessageDialog(this, "Hapus data sukses",
        "Informasi", JOptionPane.INFORMATION_MESSAGE);
    }
    else
    {
        JOptionPane.showMessageDialog(this, "Hapus data gagal",
        "Informasi", JOptionPane.INFORMATION_MESSAGE);
    }
    pStatement.close();
    tampilTabel();
}
catch (SQLException e)
{
    System.out.println("koneksi gagal " + e);
    JOptionPane.showMessageDialog(this, "kesalahan sql bagian
fungsiHapus", "Informasi", JOptionPane.INFORMATION_MESSAGE);
}
}
public Object[][] getData()
{
    Object[][] data1 = null;
    try
    {
        koneksiDatabase();

        Statement st = Lconnection.createStatement();
        ResultSet rs = st.executeQuery("Select * from gudang");

        rs.last();
        int rowCount = rs.getRow();
        rs.beforeFirst();

        data1 = new Object[rowCount][7];
        int no =-1;
        while(rs.next())

```

```

        {
            no=no+1;
            data1[no][0]=rs.getString("nomor");
            data1[no][1]=rs.getString("tanggal");
            data1[no][2]=rs.getString("no_pol");
            data1[no][3]=rs.getString("Status");
            data1[no][4]=rs.getString("Stock");
            data1[no][5]=rs.getString("pemohon");
            data1[no][6]=rs.getString("keterangan");
        }

        st.close();
    }
    catch(SQLException e)
    {
        System.out.println("sql bagian #getData# gagal"+e);
        JOptionPane.showMessageDialog(this, "sql Exception bagian
#getData# gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
        this.dispose();
    }
    return data1;
}

public void tampilTabel()
{
    try
    {
        String[] columnNames = {"No","Tanggal","Nomor
Polisi","Status","Stock","Pemohon","Keterangan"};
        table = new JTable(getData(), columnNames);
        jScrollPane1.setViewportViewView(table);
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(this, " #tampilTabel#
gagal","Pesan", JOptionPane.INFORMATION_MESSAGE);
    }
}

public void koneksiDatabase()
{
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
    }
}

```

```

        urlValue="jdbc:mysql://" + host + "/" + db + "?user=" + user +
"&password="+ password;

        Lconnection = DriverManager.getConnection(urlValue);
    }
    catch(SQLException e)
    {
        System.out.println("kesalahan sql method
koneksiDatabase"+e);//hanya ditampilkan melalui console
        JOptionPane.showMessageDialog(this, " kesalahan sql Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
    catch(ClassNotFoundException e)
    {
        System.out.println("driver database jdbc tidak ditemukan"+e);//hanya
ditampilkan melalui console
        JOptionPane.showMessageDialog(this, " kesalahan kelas Exception
bagian method koneksiDatabase","Pesan",
JOptionPane.INFORMATION_MESSAGE);
    }
}
}}

```

### **Class LapEstimasi**

```

package apppandu;

import java.sql.Connection;
import java.sql.DriverManager;
import net.sf.jasperreports.engine.*;
import net.sf.jasperreports.view.JasperViewer;

public class LapEstimasi {

    static Connection IConnection;
    private String ReportPath="report/";

    public LapEstimasi()
    {
        IConnection=InitConnection();
    }

    private static Connection InitConnection()
    {
        String user="root";
        String password="";
    }
}

```

```

String host="localhost";
String db="datapandu";
String urlValue="";
Connection koneksi=null;

try
{
urlValue="jdbc:mysql://" + host + "/" + db + "?user=" + user + "&password=" + password;

    koneksi=DriverManager.getConnection(urlValue);
}
catch(Exception e)
{
    System.out.println(e);
}
return koneksi;
}

private void buildReport(String vName)
{
    String reportSource;
    String reportDest;

    reportSource=ReportPath+"templates/"+vName+".jrxml";
    reportDest=ReportPath+"results/"+vName+".html";

    try
    {
        JasperReport
jasperReport=JasperCompileManager.compileReport(reportSource);
        JasperPrint jasperPrint=JasperFillManager.fillReport(jasperReport, null,
        IConnection);
        JasperExportManager.exportReportToHtmlFile(jasperPrint, reportDest);
        JasperViewer.viewReport(jasperPrint,false);
    }
    catch(JRException ex)
    {
        ex.printStackTrace();
    }
}

void tampilKelas()
{
    buildReport("estimasi");
}

```

```
}
```

### **Class LapPerbaikan**

```
package apppandu;
```

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import net.sf.jasperreports.engine.*;  
import net.sf.jasperreports.view.JasperViewer;
```

```
public class LapPerbaikan {
```

```
    static Connection IConnection;  
    private String ReportPath="report/";
```

```
    public LapPerbaikan()  
    {  
        IConnection=InitConnection();  
    }  
}
```

```
    private static Connection InitConnection()  
    {  
        String user="root";  
        String password="";  
        String host="localhost";  
        String db="datapandu";  
        String urlValue="";  
        Connection koneksi=null;
```

```
        try  
        {
```

```
            urlValue="jdbc:mysql://" + host + "/" + db + "?user=" + user + "&password=" + password;
```

```
            koneksi=DriverManager.getConnection(urlValue);  
        }  
        catch(Exception e)  
        {  
            System.out.println(e);  
        }  
        return koneksi;  
    }  
}
```

```
    private void buildReport(String vName)  
    {
```



```

String reportSource;
String reportDest;

reportSource=ReportPath+"templates/"+vName+".jrxml";
reportDest=ReportPath+"results/"+vName+".html";

try
{
    JasperReport
jasperReport=JasperCompileManager.compileReport(reportSource);
    JasperPrint jasperPrint=JasperFillManager.fillReport(jasperReport, null,
IConnection);
    JasperExportManager.exportReportToHtmlFile(jasperPrint, reportDest);
    JasperViewer.viewReport(jasperPrint,false);
}
catch(JRException ex)
{
    ex.printStackTrace();
}
}

void tampilKelas()
{
    buildReport("perbaikan");
}
}

```

### **Class LapPengajuan**

```

package apppandu;

import java.sql.Connection;
import java.sql.DriverManager;
import net.sf.jasperreports.engine.*;
import net.sf.jasperreports.view.JasperViewer;

public class LapPengajuan {

    static Connection IConnection;
    private String ReportPath="report/";

    public LapPengajuan()
    {
        IConnection=InitConnection();
    }
}

```



```

private static Connection InitConnection()
{
    String user="root";
    String password="";
    String host="localhost";
    String db="datapandu";
    String urlValue="";
    Connection koneksi=null;

    try
    {
        urlValue="jdbc:mysql://" + host + "/" + db + "?user=" + user + "&password=" + password;

        koneksi=DriverManager.getConnection(urlValue);
    }
    catch(Exception e)
    {
        System.out.println(e);
    }
    return koneksi;
}

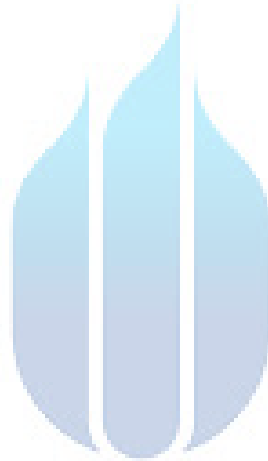
private void buildReport(String vName)
{
    String reportSource;
    String reportDest;

    reportSource=ReportPath+"templates/"+vName+".jrxml";
    reportDest=ReportPath+"results/"+vName+".html";

    try
    {
        JasperReport
jasperReport=JasperCompileManager.compileReport(reportSource);
        JasperPrint jasperPrint=JasperFillManager.fillReport(jasperReport, null,
        IConnection);
        JasperExportManager.exportReportToHtmlFile(jasperPrint, reportDest);
        JasperViewer.viewReport(jasperPrint,false);
    }
    catch(JRException ex)
    {
        ex.printStackTrace();
    }
}
}

```

```
void tampilKelas()  
{  
    buildReport("pengajuan");  
}  
}
```



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