

Lampiran :

Source Code Form Login :

```
package Plogin;
import Pmenuutama.menuutama;
import java.awt.event.KeyEvent;
import javax.swing.JOptionPane;

private void
btmasukActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    String Nama, Password = new String("");
    Nama = txtnama.getText();
    Password = new String(txtpassword.getPassword());
    boolean Pernyataan =
Nama.equals("ashari")&&Password.equals("123");
    if (Pernyataan == true){
        JOptionPane.showConfirmDialog(null, "Ya...
Password anda benar", "LOGIN", JOptionPane.DEFAULT_OPTION);
        menuutama obmenuutama = new menuutama();
        obmenuutama.setVisible(true);
        dispose();}
    else{
        JOptionPane.showConfirmDialog(null, "Ups...
salah!", "LOGIN", JOptionPane.DEFAULT_OPTION);
        menuutama obmenuutama = new menuutama();
        obmenuutama.setVisible(false);
        txtnama.requestFocus();
        txtnama.setText("");
        txtpassword.setText("");
    }
}

private void
btbatalActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    txtnama.setText("");
    txtpassword.setText("");
    txtnama.requestFocus();
}
```

Source Code Form Menu Utama :

```
package Pmenuutama;
import Pdaftar.daftar;
import Pdenda.denda;
import Plaporan.laporan;
import Ppengembalian.pengembalian;
import Ppenyewa.penyewa;
import Ppenyewaan.penyewaan;
import Prusak.rusak;
import Pbackuprestore.backuprestore;
import Ppencarian.pencarianbarang;

private void
meidaftarActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
daftar obdaftar = new daftar();
    obdaftar.setVisible(true);
}

private void
meirusakActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    rusak obrusak = new rusak();
    obrusak.setVisible(true);
}

private void
meipenyewaanActionPerformed(java.awt.event.ActionEvent evt)
{
// TODO add your handling code here:
    penyewaan obpenyewaan = new penyewaan();
    obpenyewaan.setVisible(true);
}

private void
meipengembalianActionPerformed(java.awt.event.ActionEvent
evt) {
// TODO add your handling code here:
    pengembalian obpengembalian = new pengembalian();
    obpengembalian.setVisible(true);
}

private void
meidendaActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    denda obdenda = new denda();
    obdenda.setVisible(true);
}

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

```

// TODO add your handling code here:
    laporan oblaporan = new laporan();
    oblaporan.setVisible(true);
}

private void
meimasterActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    penyewa obpenyewa = new penyewa();
    obpenyewa.setVisible(true);
}

private void
meibackuprestoreActionPerformed(java.awt.event.ActionEvent
evt) {
// TODO add your handling code here:
    backuprestore obbackuprestore = new backuprestore();
    obbackuprestore.setVisible(true);
}

private void
meipencarianbarangActionPerformed(java.awt.event.ActionEvent
evt) {
// TODO add your handling code here:
    pencarianbarang obpencarian = new pencarianbarang();
    obpencarian.setVisible(true);
}

```

Source Code Form Daftar Sarana dan Prasarana :

```

package Pdaftar;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;
public class daftar extends javax.swing.JFrame {

public Connection conn;
public Statement cn;
public void koneksi(){
try{
Class.forName("com.mysql.jdbc.Driver");
conn=DriverManager.getConnection("jdbc:mysql://localhost:330
6/sewa","root","");
cn=conn.createStatement();
} catch (Exception ex) {
JOptionPane.showMessageDialog(null, "koneksi gagal....");
System.out.println(ex.getMessage());
}
}
}

```

```

private void
btsimpanActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="Insert into daftar
values('"+txtidbarang.getText()+"', '"+txtnamabarang.getText(
)+"', '"+txtjumlahbarang.getText()+"', '"+txtjumlahbarangsekar
ang.getText()+"')";
cn.executeUpdate(sql);
conn.close();
tampildata();
bersih();
JOptionPane.showMessageDialog(null, "Data berhasil di
simpan");
    } catch (Exception ex) {
JOptionPane.showMessageDialog(null, "Proses penyimpanan
gagal");
System.out.println(ex.getMessage());
JOptionPane.showMessageDialog(null, "Pastikan data diisi
dengan benar");
System.out.println(ex.getMessage());
bersih();
    }
}

private void
bthapusActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
try{
koneksi();
String sql="delete from daftar where
Id_barang='"+txtidbarang.getText()+"'";
cn.executeUpdate(sql);
conn.close();
tampildata();
bersih();
JOptionPane.showMessageDialog(null, "Data berhasil dihapus");

    } catch (Exception ex) {
JOptionPane.showMessageDialog(null, "Proses hapus gagal");
System.out.println(ex.getMessage());

    }
txtidbarang.setEnabled(true);
btsimpan.setEnabled(true);
}

```

Source Code Form Sarana dan Prasarana Rusak :

```
package Prusak;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;

private void
jComboBox1ItemStateChanged(java.awt.event.ItemEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="select * from daftar where
Id_barang='"+jComboBox1.getSelectedItem().toString()+"'";
Statement stat = (Statement) conn.createStatement();
ResultSet rs=cn.executeQuery(sql);
while(rs.next()){
txtnamabarang.setText(rs.getString("Nama_barang"));
}
}catch (Exception e) {
JOptionPane.showMessageDialog(null,"Terjadi Kesalahan" +e);
}
}

private void
btCariActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="select * from rusak where
Id_rusak='"+txtidrusak.getText()+"'";
ResultSet rs=cn.executeQuery(sql);
DefaultTableModel tblrusak = new DefaultTableModel();
tblrusak.addColumn("Id_rusak");
tblrusak.addColumn("Nama_barang");
tblrusak.addColumn("Jumlah_barang");
tblrusak.addColumn("Kerusakan");
while (rs.next())
{
tblrusak.addRow(new Object[]{
rs.getString(1),
rs.getString(2),
rs.getString(3),
rs.getString(4)
});}
jTable1.setModel(tblrusak);
} catch (Exception ex) {
JOptionPane.showMessageDialog(null,"Ada Kesalahan....");
}
}
```

Source Code Form Master Penyewa :

```
package Ppenyewa;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;

private void
bt cari2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="select * from penyewa where
Nama_penyewa='"+txtnamapenyewa.getText()+"'";
ResultSet rs=cn.executeQuery(sql);
DefaultTableModel tblpenyewa = new DefaultTableModel();
tblpenyewa.addColumn("Id_penyewa");
tblpenyewa.addColumn("Nama_penyewa");
tblpenyewa.addColumn("Alamat");
tblpenyewa.addColumn("No_Telp");

jTable1.setModel (tblpenyewa);
while (rs.next())
{
tblpenyewa.addRow(new Object[]{
rs.getString(1),
rs.getString(2),
rs.getString(3),
rs.getString(4)
});
}
jTable1.setModel(tblpenyewa);
} catch (Exception ex) {
JOptionPane.showMessageDialog(null,"Ada Kesalahan....");
}
}

private void
btubahActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="Update penyewa set
Nama_penyewa='"+txtnamapenyewa.getText()+"',"+ "Alamat='"+txt
alamat.getText()+"', "+ "No_Telp='"+txtnotelp.getText()+"' "+"
where Id_penyewa='"+txtidpenyewa.getText()+"'";
cn.executeUpdate(sql);
conn.close();
tampildata();
```

```

bersih();
JOptionPane.showMessageDialog(null,"Data berhasil dirubah");

} catch (Exception ex)
{
JOptionPane.showMessageDialog(null,"Proses perubahan data
gagal");
System.out.println(ex.getMessage());
}
txtidpenyewa.setEnabled(true);
btsimpan.setEnabled(true);
}

private void
btubahActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="Update penyewa set
Nama_penyewa='"+txtnamapenyewa.getText()+"',"+"Alamat='"+txt
alamat.getText()+"',"+"No_Telp='"+txtnotelp.getText()+"' "+"
where Id_penyewa='"+txtidpenyewa.getText()+"'";
cn.executeUpdate(sql);
conn.close();
tampildata();
bersih();
JOptionPane.showMessageDialog(null,"Data berhasil dirubah");

} catch (Exception ex) {
JOptionPane.showMessageDialog(null,"Proses perubahan data
gagal");
System.out.println(ex.getMessage());
}
txtidpenyewa.setEnabled(true);
btsimpan.setEnabled(true);
}

private void
btcariActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="select * from penyewa where
Id_penyewa='"+txtidpenyewa.getText()+"'";
ResultSet rs=cn.executeQuery(sql);
DefaultTableModel tblpenyewa = new DefaultTableModel();
tblpenyewa.addColumn("Id_penyewa");
tblpenyewa.addColumn("Nama_penyewa");
tblpenyewa.addColumn("Alamat");

```

```

tblpenyewa.addColumn("No_Telp");

jTable1.setModel (tblpenyewa);
while (rs.next())
{
tblpenyewa.addRow(new Object[]{
rs.getString(1),
rs.getString(2),
rs.getString(3),
rs.getString(4)
});
}
jTable1.setModel(tblpenyewa);
} catch (Exception ex) {
JOptionPane.showMessageDialog(null,"Ada Kesalahan....");
}
}
}

```

Source Code Form Transaksi Penyewaan :

```

package Ppenyewaan;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;

private void
btsimpanActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
try{
koneksi();
String sql="Insert into penyewaan
values ('"+txtidpenyewaan.getText()+"', '"+txtnamapenyewa.getT
ext()+"', '"+txtnamabarang.getText()+"', '"+txtjumlahbarang.ge
tText()+"', '"+txtbiaya.getText()+"', '"+txttanggalpinjam.getT
ext()+"', '"+txttanggalkembali.getText()+"')";
conn.close();
buatnomor();
tampildata();
bersih();
JOptionPane.showMessageDialog(null, "Data berhasil di
simpan");
} catch (Exception ex) {
JOptionPane.showMessageDialog(null, "Proses penyimpanan
gagal");
System.out.println(ex.getMessage());
JOptionPane.showMessageDialog(null,"Pastikan data diisi
dengan benar");
System.out.println(ex.getMessage());
bersih();
}
}

```



```

    }
    txtnamapenyewa.requestFocus();
}
private void jTable1MouseClicked(java.awt.event.MouseEvent
evt) {
// TODO add your handling code here:
    int table=jTable1.getSelectedRow();
//mengambil data dari table
String a=jTable1.getValueAt(table, 0).toString();
String b=jTable1.getValueAt(table,1).toString();
String c=jTable1.getValueAt(table,2).toString();
String d=jTable1.getValueAt(table, 3).toString();
String e=jTable1.getValueAt(table,4).toString();
String f=jTable1.getValueAt(table,5).toString();
String g=jTable1.getValueAt(table,6).toString();

txtidpenyewaan.setText(a);
txtnamapenyewa.setText(b);
txtnamabarang.setText(c);
txtjumlahbarang.setText(d);
txtbiaya.setText(e);
txttanggalpinjam.setText(f);
txttanggakembali.setText(g);
txtidpenyewaan.setEnabled(false);
txtnamapenyewa.requestFocus();
btsimpan.setEnabled(false);
}

```

Source Code Form Transaksi Pengembalian :

```

package Ppengembalian;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;

private void
btsimpanActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="Insert into pengembalian
values('"+txtidpengembalian.getText()+"', '"+txtnamapenyewa.g
etText()+"', '"+txtnamabarang.getText()+"', '"+txtjumlahbarang
.getText()+"', '"+txtbiaya.getText()+"', '"+txttanggalpinjam.g
etText()+"', '"+txttanggakembali.getText()+"' )";
cn.executeUpdate(sql);
conn.close();
buatnomor();
tampildata();

```

```

bersih();
JOptionPane.showMessageDialog(null, "Data berhasil di
simpan");
} catch (Exception ex) {
JOptionPane.showMessageDialog(null, "Proses penyimpanan
gagal");
System.out.println(ex.getMessage());
JOptionPane.showMessageDialog(null, "Pastikan data diisi
dengan benar");
System.out.println(ex.getMessage());
bersih();
}
}
txtnamapenyewa.requestFocus();
}
private void jTable1MouseClicked(java.awt.event.MouseEvent
evt) {
// TODO add your handling code here:
int table=jTable1.getSelectedRow();
//mengambil data dari table
String a=jTable1.getValueAt(table, 0).toString();
String b=jTable1.getValueAt(table,1).toString();
String c=jTable1.getValueAt(table,2).toString();
String d=jTable1.getValueAt(table, 3).toString();
String e=jTable1.getValueAt(table,4).toString();
String f=jTable1.getValueAt(table,5).toString();
String g=jTable1.getValueAt(table,6).toString();

txtidpengembalian.setText(a);
txtnamapenyewa.setText(b);
txtnamabarang.setText(c);
txtjumlahbarang.setText(d);
txtbiaya.setText(e);
txttanggalpinjam.setText(f);
txttanggalkembali.setText(g);
txtidpengembalian.setEnabled(false);
txtnamapenyewa.requestFocus();
btsimpan.setEnabled(false);
}
}

```

Source Code Form Denda :

```

package Pdenda;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;

private void bersih() {
txtiddenda.setText("");
txtnamapenyewa.setText("");
}

```

```

txtnamabarang.setText("");
txtjumlahbarang.setText("");
txtbiaya.setText("");
txttanggal.setText("");
comboalasan.setSelectedItem("-- PILIH --");
}

private void tampildata() {
    DefaultTableModel tblDenda = new DefaultTableModel();
tblDenda.addColumn("Id_denda");
tblDenda.addColumn("Nama penyewa");
tblDenda.addColumn("Nama barang");
tblDenda.addColumn("Jumlah barang");
tblDenda.addColumn("Biaya");
tblDenda.addColumn("Tanggal");
tblDenda.addColumn("Alasan_denda");

    try{
koneksi();
String sql="Select * from denda order by Id_denda asc";
ResultSet rs=cn.executeQuery(sql);
while (rs.next())
{
tblDenda.addRow(new Object[]{
rs.getString(1),
rs.getString(2),
rs.getString(3),
rs.getString(4),
rs.getString(5),
rs.getString(6),
rs.getString(7)
});
}
jTable1.setModel(tblDenda);
} catch (Exception e) {
JOptionPane.showMessageDialog(null,"Ada Kesalahan....");
}
}

private void
btubahActionPerformed(java.awt.event.ActionEvent evt) {
try{
koneksi();
String sql="Update denda set
Nama_penyewa='"+txtnamapenyewa.getText()+"', "+ "Nama_barang='
"+txtnamabarang.getText()+"', "+ "Jumlah='"+txtjumlahbarang.ge
tText()+"', "+ "Biaya='"+txtbiaya.getText()+"', "+ "Tanggal='"+t
xttanggal.getText()+"', "+ "Alasan_denda='"+comboalasan.getSel
ectedItem()+"' "+ "where
Id_denda='"+txtiddenda.getText()+"' ";

```

```

cn.executeUpdate(sql);
conn.close();
tampildata();
bersih();
JOptionPane.showMessageDialog(null,"Data berhasil di
rubah");

} catch (Exception e) {
JOptionPane.showMessageDialog(null,"Proses update
gagal/koneksi gagal...");
System.out.println(e.getMessage());
}
txtiddenda.setEnabled(true);
btsimpan.setEnabled(true);
comboalasan.setSelectedItem("-- PILIH --");
}

```

Source Code Form Laporan :

```

package Plaporan;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.sql.ResultSet;
import net.sf.jasperreports.engine.JRException;
import java.io.File;
import java.util.HashMap;
import java.util.Map;
import javax.swing.JOptionPane;
import net.sf.jasperreports.engine.JasperCompileManager;
import net.sf.jasperreports.engine.JasperFillManager;
import net.sf.jasperreports.engine.JasperPrint;
import net.sf.jasperreports.engine.JasperPrintManager;
import net.sf.jasperreports.engine.JasperReport;
import net.sf.jasperreports.engine.design.JasperDesign;
import net.sf.jasperreports.engine.xml.JRXmlLoader;
import net.sf.jasperreports.view.JasperViewer;

private void
bt cetakActionPerformed(java.awt.event.ActionEvent evt) {
Data koneksi = new Data();
JasperReport JasRep;
JasperPrint JasPri;
Map param = new HashMap();
JasperDesign JasDes;

```

```

try{
File report = new File("report1.jrxml");
JasDes = JRXmlLoader.load(report);
param.clear();
JasRep = JasperCompileManager.compileReport(JasDes);
JasPri = JasperFillManager.fillReport(JasRep, param,
koneksi.conn);
JasperViewer.viewReport(JasPri, false);
} catch (Exception ex) {
JOptionPane.showMessageDialog(null, ex);
}

```

Source Code Form Backup dan Restore :

```

package Pbackuprestore;
import javax.swing.JOptionPane;
import javax.swing.filechooser.FileNameExtensionFilter;

private void
btnBackupActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
        if(txtLokasiBackup.getText().isEmpty()){
            JOptionPane.showMessageDialog(null, "Pilih
lokasi backup terlebih dahulu");
        } else{
            Process runtimeProcess =
Runtime.getRuntime().exec("D:\\xampp\\mysql\\bin\\mysqldump
-hlocalhost -uroot sewa -r
"+"\""+txtLokasiBackup.getText()+"\"");
            int prosesSukses=runtimeProcess.waitFor()
JOptionPane.showMessageDialog(null, "Backup database
Sukses");
        } else {
            JOptionPane.showMessageDialog(null,
"Backup database gagal");
        }
    } catch(Exception e){
        JOptionPane.showMessageDialog(null, "Backup
database gagal, Periksa kembali");
    }
}

private void
btnRestoreActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
        if(txtLokasiRestore.getText().isEmpty()){
            JOptionPane.showMessageDialog(null, "Pilih
lokasi restore terlebih dahulu");
        } else{
            String database="sewa";

```

```

        String user="root";
        String password="";

        String[] kata = new
String[]{"d:\\xampp\\mysql\\bin\\mysql", database, "-u" +
user, "-e", " source "+txtLokasiRestore.getText()};
        Process
runtimeProcess=Runtime.getRuntime().exec(kata);
        int prosesSukses=runtimeProcess.waitFor();
        JOptionPane.showMessageDialog(null,
"Restore database Sukses");
        } else {
        JOptionPane.showMessageDialog(null,
"Restore database gagal");
        }
    }
} catch (Exception e){
    JOptionPane.showMessageDialog(null,"Restore
database gagal, Periksa kembali");
}
}

```

Source Code Form Pencarian Barang :

```

package Ppencarian;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.sql.*;
import javax.swing.*;
import javax.swing.table.*;

private void
btcariActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    try{
koneksi();
String sql="select * from penyewaan where
Nama_barang='"+txtnamabarang.getText()+"'";
DefaultTableModel tblpenyewaan = new DefaultTableModel();
tblpenyewaan.addColumn("Id_penyewaan");
tblpenyewaan.addColumn("Nama_penyewa");
tblpenyewaan.addColumn("Nama_barang");
tblpenyewaan.addColumn("Jumlah");
jTable1.setModel (tblpenyewaan);
while (rs.next())
{
tblpenyewaan.addRow(new Object[]{}

```

```
rs.getString(1),
rs.getString(2),
rs.getString(3),
rs.getString(4)
});
}
jTable1.setModel(tblpenyewaan);
} catch (Exception ex) {
JOptionPane.showMessageDialog(null,"Ada Kesalahan....");
}}

private void jTable1MouseClicked(java.awt.event.MouseEvent
evt) {
// TODO add your handling code here:
    int table=jTable1.getSelectedRow();
//mengambil data dari table
String a=jTable1.getValueAt(table, 0).toString();
String b=jTable1.getValueAt(table,1).toString();
String c=jTable1.getValueAt(table,2).toString();
String d=jTable1.getValueAt(table, 3).toString();
txtnamabarang.setText(c);
}
```