

1. Controller Cari Pegawai

/\*

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\*/

package controller;

//import dao.daoCariBarang;

import dao.daoCariPegawai;

import java.util.List;

import javax.swing.JOptionPane;

import model.\*;

import view.FormCariPegawai;

/\*\*

\*

\* @author MyBook Hype

\*/

public class controllerCariPegawai {

FormCariPegawai frame;

List<Pegawai>listPgw;

List<Pegawai> listCariPgw;

daoCariPegawai daoCariPgw = new daoCariPegawai();

public controllerCariPegawai(FormCariPegawai frame){

this.frame = frame;

listPgw = daoCariPgw.getData();

listCariPgw = daoCariPgw.getCariData(frame.getTxtNamaPgw().getText());

}

public void tampil\_tabel() {

TabelModelCariPegawai tabelPgw = new TabelModelCariPegawai(listCariPgw);

frame.getTblPegawai().setModel(tabelPgw);

}

public void tampilFilter\_tabel(){

TabelModelCariPegawai tabelPgw = new TabelModelCariPegawai(listCariPgw);

frame.getTblPegawai().setModel(tabelPgw);

}

public void cekNamaPgw() {

if (frame.getTxtNamaPgw().getText().equals("")) {

JOptionPane.showMessageDialog(frame, "Nama Pegawai belum diisi");

} else {

daoCariPgw.getCariData(frame.getTxtNamaPgw().getText());

// daoCariBrg.cekNama(frame.getTxtNamaBrg().getText());

tampilFilter\_tabel();

}

}

public void keluar() {

frame.dispose();

}

}

1. Dao CariPegawai

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\*/

package dao;

import controller.koneksi;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.List;

import javax.swing.JOptionPane;

import model.\*;

/\*\*

\*

\* @author MyBook Hype

\*/

public class daoCariPegawai {

Connection connection;

final String select = "SELECT \* FROM pegawai ORDER BY namapeg ASC;";

final String selectData = "SELECT \* FROM pegawai WHERE namapeg LIKE %?%;";

final String cari = "SELECT \* FROM pegawai WHERE namapeg LIKE ?;";

public daoCariPegawai(){

connection = koneksi.connection();

}

public void tampil(Pegawai pgw){

PreparedStatement statement = null;

try {

statement = connection.prepareStatement(select);

statement.setString(1, pgw.getKodepeg());

statement.executeUpdate();

}catch (SQLException ex){

JOptionPane.showMessageDialog(null, ex);

}

}

public List<Pegawai> getData(){

List<Pegawai> listPgw = null;

try {

listPgw = new ArrayList<>();

Statement st = connection.createStatement();

ResultSet rs = st.executeQuery(select);

while (rs.next()){

Pegawai pgw = new Pegawai();

pgw.setKodepeg(rs.getString("Kodepeg"));

pgw.setNamapeg(rs.getString("namapeg"));

pgw.setAlamat(rs.getString("Alamat"));

pgw.setJkel(rs.getString("jkel"));

pgw.setJabatan(rs.getString("Jabatan"));

pgw.setUsername(rs.getString("Username"));

pgw.setPassword(rs.getString("Password"));

listPgw.add(pgw);

}

}catch (SQLException ex){

JOptionPane.showMessageDialog(null, ex);

}

return listPgw;

}

public List<Pegawai> getCariData(String namapeg){

PreparedStatement statement = null;

List<Pegawai> listPgw = null;

try {

listPgw = new ArrayList<>();

// Statement st = connection.createStatement();

// ResultSet rs = st.executeQuery(selectData);

statement = connection.prepareStatement(cari);

statement.setString(1, "%" + namapeg + "%");

ResultSet rs = statement.executeQuery();

while (rs.next()){

Pegawai pgw = new Pegawai();

pgw.setKodepeg(rs.getString("Kodepeg"));

pgw.setNamapeg(rs.getString("namapeg"));

pgw.setAlamat(rs.getString("Alamat"));

pgw.setJkel(rs.getString("jkel"));

pgw.setJabatan(rs.getString("Jabatan"));

pgw.setUsername(rs.getString("Username"));

pgw.setPassword(rs.getString("Password"));

listPgw.add(pgw);

}

}catch (SQLException ex){

JOptionPane.showMessageDialog(null, ex);

}

return listPgw;

}

public int cekNama(String namapeg){

PreparedStatement statement = null;

int ketemu = 0;

try {

statement = connection.prepareStatement(selectData);

statement.setString(1, namapeg);

ResultSet rs = statement.executeQuery(cari);

while(rs.next()) {

ketemu++;

}

}catch (SQLException ex){

}

return ketemu;

}

}

1. Model CariPegawai

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\*/

package model;

/\*\*

\*

\* @author MyBook Hype

\*/

public class CariPegawai {

private String kodepeg,namapeg,alamat,jabatan,username,password,jkel;

public String getKodepeg() {

return kodepeg;

}

public void setKodepeg(String kodepeg) {

this.kodepeg = kodepeg;

}

public String getNamapeg() {

return namapeg;

}

public void setNamapeg(String namapeg) {

this.namapeg = namapeg;

}

public String getAlamat() {

return alamat;

}

public void setAlamat(String alamat) {

this.alamat = alamat;

}

public String getJabatan() {

return jabatan;

}

public void setJabatan(String jabatan) {

this.jabatan = jabatan;

}

public String getUsername() {

return username;

}

public void setUsername(String username) {

this.username = username;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

public String getJkel() {

return jkel;

}

public void setJkel(String jkel) {

this.jkel = jkel;

}

}

1. Model TabelCariPegawai

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\*/

package model;

import java.util.List;

import javax.swing.table.AbstractTableModel;

/\*\*

\*

\* @author MyBook Hype

\*/

public class TabelModelCariPegawai extends AbstractTableModel {

List<Pegawai> listPgw;

public TabelModelCariPegawai(List<Pegawai>listPgw){

this.listPgw = listPgw;

}

@Override

public int getRowCount() {

return listPgw.size();

}

@Override

public int getColumnCount() {

return 5;

}

@Override

public Object getValueAt(int row, int column){

return switch (column){

case 0 -> listPgw.get(row).getKodepeg();

case 1 -> listPgw.get(row).getNamapeg();

case 2 -> listPgw.get(row).getAlamat();

case 3 -> listPgw.get(row).getJkel();

case 4 -> listPgw.get(row).getJabatan();

case 5 -> listPgw.get(row).getUsername();

case 6 -> listPgw.get(row).getPassword();

default -> null;

};

}

@Override

public String getColumnName(int column){

return switch(column){

case 0 -> "Kode Pegawai";

case 1 -> "namapeg";

case 2 -> "Alamat";

case 3 -> "jkel";

case 4 -> "Jabatan";

case 5 -> "Username";

case 6 -> "Password";

default -> null;

};

}

}

1. Form CariPegawai

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\*/

package view;

import controller.controllerCariPegawai;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextField;

import model.\*;

/\*\*

\*

\* @author MyBook Hype

\*/

public class FormCariPegawai extends javax.swing.JFrame {

controllerCariPegawai Carpeg;

public JTextField getTxtNamaPgw() {

return TxtCariNama;

}

public void setTxtNamaPgw(String TxtNamaPgw) {

this.TxtCariNama.setText(TxtNamaPgw);

}

public JTable getTblPegawai() {

return tblPegawai;

}

public void setTblPegawai(JTable tblPegawai) {

this.tblPegawai = tblPegawai;

}

/\*\*

\* Creates new form FormCariPegawai

\*/

public FormCariPegawai() {

initComponents();

Carpeg = new controllerCariPegawai(this);

Carpeg.tampil\_tabel();

}

public void tampilkantabel(){

Carpeg = new controllerCariPegawai(this);

Carpeg.tampil\_tabel();

}

/\*\*

\* 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() {

jPanel2 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jPanel3 = new javax.swing.JPanel();

jLabel4 = new javax.swing.JLabel();

TxtCariNama = new javax.swing.JTextField();

BtnCari = new javax.swing.JButton();

BtnKeluar = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

tblPegawai = new javax.swing.JTable();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel2.setBackground(new java.awt.Color(102, 102, 255));

jLabel2.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel2.setText(" FORM CARI PEGAWAI");

jLabel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED, null, new java.awt.Color(255, 102, 0), null, new java.awt.Color(0, 255, 255)));

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(142, 142, 142)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGap(165, 165, 165))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel2)

.addContainerGap(16, Short.MAX\_VALUE))

);

jPanel3.setBackground(new java.awt.Color(102, 153, 255));

jLabel4.setBackground(new java.awt.Color(255, 102, 102));

jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N

jLabel4.setForeground(new java.awt.Color(51, 51, 0));

jLabel4.setText(" INPUT");

jLabel4.setBorder(javax.swing.BorderFactory.createEtchedBorder());

jLabel4.setMaximumSize(new java.awt.Dimension(97, 20));

BtnCari.setBackground(new java.awt.Color(0, 255, 255));

BtnCari.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N

BtnCari.setText("Cari");

BtnCari.setBorder(new javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, null, new java.awt.Color(0, 102, 102), null, new java.awt.Color(255, 255, 0)));

BtnCari.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

BtnCariActionPerformed(evt);

}

});

BtnKeluar.setBackground(new java.awt.Color(0, 255, 255));

BtnKeluar.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N

BtnKeluar.setText("Keluar");

BtnKeluar.setBorder(new javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, null, new java.awt.Color(0, 102, 102), new java.awt.Color(255, 255, 0), null));

BtnKeluar.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

BtnKeluarActionPerformed(evt);

}

});

tblPegawai.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

{null, null, null, null, null},

{null, null, null, null, null},

{null, null, null, null, null},

{null, null, null, null, null}

},

new String [] {

"KodePeg", "Nama", "Alamat", "Jabatan", "Jenis Kelamin"

}

));

tblPegawai.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

tblPegawaiMouseClicked(evt);

}

});

jScrollPane1.setViewportView(tblPegawai);

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);

jPanel3.setLayout(jPanel3Layout);

jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGap(73, 73, 73)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 72, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(41, 41, 41)

.addComponent(TxtCariNama, javax.swing.GroupLayout.PREFERRED\_SIZE, 221, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(41, 41, 41)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(BtnCari, javax.swing.GroupLayout.PREFERRED\_SIZE, 75, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(BtnKeluar, javax.swing.GroupLayout.PREFERRED\_SIZE, 75, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(jPanel3Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 622, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(14, Short.MAX\_VALUE))

);

jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGap(40, 40, 40)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(TxtCariNama))

.addGap(38, 38, 38))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel3Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(BtnCari)

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

.addComponent(BtnKeluar)

.addGap(18, 18, 18)))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 188, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(18, Short.MAX\_VALUE))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

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

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

);

pack();

}// </editor-fold>

private void tblPegawaiMouseClicked(java.awt.event.MouseEvent evt) {

// TODO add your handling code here:

}

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

// TODO add your handling code here:

Carpeg.cekNamaPgw();

tampilkantabel();

}

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

// TODO add your handling code here:

Carpeg.keluar();

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(FormCariPegawai.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(FormCariPegawai.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(FormCariPegawai.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(FormCariPegawai.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 FormCariPegawai().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton BtnCari;

private javax.swing.JButton BtnKeluar;

private javax.swing.JTextField TxtCariNama;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel4;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable tblPegawai;

// End of variables declaration

}