**TUGAS AKHIR**

**PEMROGRAMAN DESKTOP**

**PENGGAJIAN KARYAWAN**



Disusun oleh :

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AKAKOM YOGYAKARTA

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**SCRIPT PROGRAM**

**Koneksi.java**

package koneksiDB;

import java.sql.\*;

import javax.swing.\*;

/\*\*

\*

\* @author syahrul

\*/

public class koneksi extends javax.swing.JFrame {

private static Connection conn;

public static Connection getKoneksi(){

String host = "jdbc:mysql://localhost/penggajian",

user = "root",

pass = "";

try{

conn = (Connection) DriverManager.getConnection(host,user,pass);

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Gagal Koneksi!");

}

return conn;

}

**Form\_Login.java**

package Form;

import java.sql.\*;

import javax.swing.\*;

import java.awt.\*;

import koneksiDB.koneksi;

/\*\*

\*

\* @author syahrul

\*/

public class Form\_Login extends javax.swing.JFrame {

private static Statement st;

/\*\*

\* Creates new form Form\_Login

\*/

public Form\_Login() {

initComponents();

Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

Dimension frameSize = getSize();

setLocation((screenSize.width - frameSize.width)/2,(screenSize.height-frameSize.height)/2);

}

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

try {

String sql = "SELECT \* FROM user WHERE username = '" + user.getText() + "' AND password = '" + pass.getText() + "'";

st = koneksi.getKoneksi().createStatement();

ResultSet rsLogin = st.executeQuery(sql);

rsLogin.next();

rsLogin.last();

if (rsLogin.getRow()==1){

JOptionPane.showMessageDialog(null, "Login Berhasil!");

new Form\_Utama().setVisible(true);

this.dispose();

} else {

JOptionPane.showMessageDialog(null, "Maaf, Username / Password salah!");

user.requestFocus();

}

} catch (SQLException e) {

}

}

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

int psn = JOptionPane.showConfirmDialog(null, "Anda yakin membatalkan Login?","Konfirmasi",

JOptionPane.OK\_CANCEL\_OPTION);

if(psn == JOptionPane.OK\_OPTION){

System.exit(0);

}

}

**Form\_User.java**

package Form;

import java.sql.\*;

import koneksiDB.koneksi;

import javax.swing.\*;

import javax.swing.table.DefaultTableModel;

import java.awt.\*;

/\*\*

\*

\* @author syahrul

\*/

public class Form\_User extends javax.swing.JFrame {

private DefaultTableModel model;

String vUser,vPass;

int vId;

private static Statement st;

/\*\*

\* Creates new form Form\_User

\*/

public Form\_User() {

initComponents();

model = new DefaultTableModel();

tbl.setModel(model);

model.addColumn("No ID");

model.addColumn("Username");

model.addColumn("Password");

getData();

jButton2.setEnabled(false);

jButton3.setEnabled(false);

Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

Dimension frameSize = getSize();

setLocation((screenSize.width - frameSize.width)/2,(screenSize.height-frameSize.height)/2);

}

public void getData(){

model.getDataVector().removeAllElements();

model.fireTableDataChanged();

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "SELECT \* FROM user";

ResultSet res = st.executeQuery(sql);

while(res.next()){

Object[] obj = new Object[3];

obj[0] = res.getString("noID");

obj[1] = res.getString("username");

obj[2] = res.getString("password");

model.addRow(obj);

}

}catch(SQLException err){

JOptionPane.showMessageDialog(null, err.getMessage());

}

}

public void loadData(){

vUser = user.getText();

vPass = pass.getSelectedText();

}

public void save(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "Insert into user(username,password)"

+"values('"+vUser+"','"+vPass+"')";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate(sql);

getData();

reset();

user.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiSimpan!");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiSimpan!");

reset();

}

}

public void reset(){

vId = 0;

vUser = "";

vPass = "";

user.setText(null);

pass.setText(null);

}

public void selectData(){

int i = tbl.getSelectedRow();

if(i == -1){

JOptionPane.showMessageDialog(null, "Tidak ada data terpilih!");

return;

}

user.setText(""+model.getValueAt(i, 1));

pass.setText(""+model.getValueAt(i, 2));

vId = Integer.valueOf(""+model.getValueAt(i, 0));

}

public void update(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "update user set username = '"+vUser+"',"

+ "password='"+vPass+"' where noID='"+vId+"'";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate();

getData();

reset();

user.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiUpdate");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiUpdate!");

reset();

}

}

public void delete(){

//loadData();

int psn = JOptionPane.showConfirmDialog(null, "Anda yakin ingin menghapus data ini?","Konfirmasi",

JOptionPane.OK\_CANCEL\_OPTION);

if(psn == JOptionPane.OK\_OPTION){

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "Delete From user Where noID='"+vId+"'";

PreparedStatement p =(PreparedStatement) koneksi.getKoneksi().prepareCall(sql);

p.executeUpdate();

getData();

reset();

user.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiHapus");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiHapus!");

reset();

}

}

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

int konf = JOptionPane.showConfirmDialog(null, "Yakin Ingin menutup Form?","Konfirmasi",JOptionPane.YES\_NO\_OPTION);

if(konf == JOptionPane.YES\_OPTION){

this.dispose();

}

}

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

save();

}

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

update();

jButton1.setEnabled(true);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

delete();

jButton1.setEnabled(true);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

}

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

selectData();

jButton2.setEnabled(true);

jButton3.setEnabled(true);

jButton1.setEnabled(false);

}

**Form\_Utama.java**

package Form;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author syahrul

\*/

public class Form\_Utama extends javax.swing.JFrame {

/\*\*

\* Creates new form Form\_Utama

\*/

public Form\_Utama() {

initComponents();

this.setExtendedState(JFrame.MAXIMIZED\_BOTH);

}

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

new Form\_Karyawan().setVisible(true);

}

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

new Form\_Lembur().setVisible(true);

}

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

new Form\_Penggajian().setVisible(true);

}

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

int i = JOptionPane.showConfirmDialog(null, "Apakah anda yakin Keluar?","Konfrmasi",JOptionPane.YES\_NO\_OPTION);

if(i==JOptionPane.YES\_OPTION){

this.dispose();

new Form\_Login().setVisible(true);

}

}

private void jMenu1MouseClicked(java.awt.event.MouseEvent evt) {

new Form\_User().setVisible(true);

}

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

new Lap\_Karyawan().setVisible(true);

}

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

new Lap\_Penggajian().setVisible(true);

}

**Form\_Karyawan.java**

package Form;

import java.sql.\*;

import koneksiDB.koneksi;

import javax.swing.\*;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.table.DefaultTableModel;

import java.awt.\*;

/\*\*

\*

\* @author syahrul

\*/

public class Form\_Karyawan extends javax.swing.JFrame {

private DefaultTableModel model;

String vNm,vTgl,vJk,vAl,vJbt,vGol,vHp;

int vId;

private static Statement st;

public Form\_Karyawan() {

initComponents();

model = new DefaultTableModel();

tbl.setModel(model);

model.addColumn("ID");

model.addColumn("Nama");

model.addColumn("TglLahir");

model.addColumn("JK");

model.addColumn("Alamat");

model.addColumn("NoHP");

model.addColumn("Jabatan");

model.addColumn("Golongan");

getData();

buttonGroup1.add(lk);

buttonGroup1.add(pr);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

Dimension frameSize = getSize();

setLocation((screenSize.width - frameSize.width)/2,(screenSize.height-frameSize.height)/2);

}

public void getData(){

model.getDataVector().removeAllElements();

model.fireTableDataChanged();

String k = (String)ktg.getSelectedItem();

String c = cr.getText();

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "SELECT \* FROM karyawan WHERE "+k+" like '%"+c+"%'";

ResultSet res = st.executeQuery(sql);

while(res.next()){

Object[] obj = new Object[8];

obj[0] = res.getString("karyawanID");

obj[1] = res.getString("nama");

obj[2] = res.getString("tgl\_lahir");

obj[3] = res.getString("jk");

obj[4] = res.getString("alamat");

obj[5] = res.getString("noHP");

obj[6] = res.getString("jabatan");

obj[7] = res.getString("golongan");

model.addRow(obj);

}

}catch(SQLException err){

JOptionPane.showMessageDialog(null, err.getMessage());

}

}

public void loadData(){

vNm = nm.getText();

String tampilan ="yyyy-MM-dd" ;

SimpleDateFormat fm = new SimpleDateFormat(tampilan);

vTgl = String.valueOf(fm.format(tg.getDate()));

if(lk.isSelected()){

vJk = "L";

}else{

vJk = "P";

}

vAl = almt.getText();

vHp = hp.getText();

vJbt = (String)jbt.getSelectedItem();

vGol = (String)gol.getSelectedItem();

}

public void save(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "Insert into karyawan(nama,tgl\_lahir,jk,alamat,noHP,jabatan,golongan)"

+"values('"+vNm+"','"+vTgl+"','"+vJk+"','"+vAl+"','"+vHp+"','"+vJbt+"','"+vGol+"')";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate(sql);

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiSimpan!");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiSimpan!");

reset();

}

}

public void reset(){

vId = 0;

vNm = "";

vTgl = "";

vJk = "";

vAl = "";

vHp = "";

vJbt = "";

vGol = "";

nm.setText(null);

tg.setDate(null);

pr.setSelected(false);

lk.setSelected(false);

almt.setText(null);

hp.setText(null);

jbt.setSelectedIndex(0);

gol.setSelectedIndex(0);

}

public void selectData(){

int i = tbl.getSelectedRow();

if(i == -1){

JOptionPane.showMessageDialog(null, "Tidak ada data terpilih!");

return;

}

nm.setText(""+model.getValueAt(i, 1));

try {

int index = tbl.getSelectedRow();

Date date = new SimpleDateFormat("yyyy-MM-dd").parse((String)model.getValueAt(index, 2));

tg.setDate(date);

} catch (ParseException ex) {

Logger.getLogger(Form\_Karyawan.class.getName()).log(Level.SEVERE, null, ex);

}

if(model.getValueAt(i, 3).equals("P")){

pr.setSelected(true);

lk.setSelected(false);

}else{

pr.setSelected(false);

lk.setSelected(true);

}

almt.setText(""+model.getValueAt(i, 4));

hp.setText(""+model.getValueAt(i, 5));

jbt.setSelectedItem(""+model.getValueAt(i, 6));

gol.setSelectedItem(""+model.getValueAt(i, 7));

vId = Integer.valueOf(""+model.getValueAt(i, 0));

}

public void update(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "update karyawan set nama = '"+vNm+"',"

+ "tgl\_lahir='"+vTgl+"',"

+ "jk='"+vJk+"',"

+ "alamat='"+vAl+"',"

+ "noHP='"+vHp+"',"

+ "jabatan='"+vJbt+"',"

+ "golongan='"+vGol+"' where karyawanID='"+vId+"'";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate();

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiUpdate");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiUpdate!");

reset();

}

}

public void delete(){

//loadData();

int psn = JOptionPane.showConfirmDialog(null, "Anda yakin ingin menghapus data ini?","Konfirmasi",

JOptionPane.OK\_CANCEL\_OPTION);

if(psn == JOptionPane.OK\_OPTION){

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "Delete From karyawan Where karyawanID='"+vId+"'";

PreparedStatement p =(PreparedStatement) koneksi.getKoneksi().prepareCall(sql);

p.executeUpdate();

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiHapus");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiHapus!");

reset();

}

}

}

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

save();

}

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

selectData();

jButton2.setEnabled(true);

jButton3.setEnabled(true);

jButton1.setEnabled(false);

}

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

update();

jButton1.setEnabled(true);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

delete();

jButton1.setEnabled(true);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

int konf = JOptionPane.showConfirmDialog(null, "Yakin Ingin menutup Form?","Konfirmasi",JOptionPane.YES\_NO\_OPTION);

if(konf == JOptionPane.YES\_OPTION){

this.dispose();

}

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

getData();

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

cr.setText(null);

getData();

}

**Form\_Lembur.java**

package Form;

import java.sql.\*;

import koneksiDB.koneksi;

import javax.swing.\*;

import javax.swing.table.DefaultTableModel;

import java.awt.\*;

/\*\*

\*

\* @author syahrul

\*/

public class Form\_Lembur extends javax.swing.JFrame {

private DefaultTableModel model;

String vNm,vJbt,vGol;

int vJj,vGj,vTot,vId;

private static Statement st;

/\*\*

\* Creates new form Lembur

\*/

public Form\_Lembur() {

initComponents();

model = new DefaultTableModel();

tbl.setModel(model);

model.addColumn("ID");

model.addColumn("Nama");

model.addColumn("Jabatan");

model.addColumn("Golongan");

model.addColumn("Jml Jam");

model.addColumn("GajiPerJam");

model.addColumn("Total");

getData();

jButton2.setEnabled(false);

jButton3.setEnabled(false);

nm.setEditable(false);

jbt.setEditable(false);

gol.setEditable(false);

Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

Dimension frameSize = getSize();

setLocation((screenSize.width - frameSize.width)/2,(screenSize.height-frameSize.height)/2);

}

public void getData(){

model.getDataVector().removeAllElements();

model.fireTableDataChanged();

String k = (String)ktg.getSelectedItem();

String c = cr.getText();

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "SELECT \* FROM lembur WHERE "+k+" like '%"+c+"%'";

ResultSet res = st.executeQuery(sql);

while(res.next()){

Object[] obj = new Object[7];

obj[0] = res.getString("lemburID");

obj[1] = res.getString("nama");

obj[2] = res.getString("jabatan");

obj[3] = res.getString("golongan");

obj[4] = res.getString("jml\_jam");

obj[5] = res.getString("gaji\_perjam");

obj[6] = res.getString("total");

model.addRow(obj);

}

}catch(SQLException err){

JOptionPane.showMessageDialog(null, err.getMessage());

}

}

public String nmKry, jbtKry, golKry;

public String getnmKry() {

return nmKry;

}

public String getjbtKry() {

return jbtKry;

}

public String getgolKry() {

return golKry;

}

public void loadData(){

vNm = nm.getText();

vJbt = jbt.getText();

vGol = gol.getText();

vJj = Integer.parseInt(jj.getText());

vGj = Integer.parseInt(gj.getText());

vTot = vGj \* vJj;

}

public void save(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "Insert into lembur(nama,jabatan,golongan,jml\_jam,gaji\_perjam,total)"

+"values('"+vNm+"','"+vJbt+"','"+vGol+"','"+vJj+"','"+vGj+"','"+vTot+"')";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate(sql);

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiSimpan!");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiSimpan!");

reset();

}

}

public void reset(){

vId = 0;

vNm = "";

vJbt = "";

vGol = "";

vJj = 0;

vGj = 0;

vTot = 0;

nm.setText(null);

jbt.setText(null);

gol.setText(null);

jj.setText(null);

gj.setText(null);

}

public void selectData(){

int i = tbl.getSelectedRow();

if(i == -1){

JOptionPane.showMessageDialog(null, "Tidak ada data terpilih!");

return;

}

nm.setText(""+model.getValueAt(i, 1));

jbt.setText(""+model.getValueAt(i, 2));

gol.setText(""+model.getValueAt(i, 3));

jj.setText(""+model.getValueAt(i, 4));

gj.setText(""+model.getValueAt(i, 5));

vId = Integer.valueOf(""+model.getValueAt(i, 0));

}

public void update(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "update lembur set nama = '"+vNm+"',"

+ "jabatan='"+vJbt+"',"

+ "golongan='"+vGol+"',"

+ "jml\_jam='"+vJj+"',"

+ "gaji\_perjam='"+vGj+"',"

+ "total='"+vTot+"' where lemburID='"+vId+"'";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate();

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiUpdate");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiUpdate!");

reset();

}

}

public void delete(){

//loadData();

int psn = JOptionPane.showConfirmDialog(null, "Anda yakin ingin menghapus data ini?","Konfirmasi",

JOptionPane.OK\_CANCEL\_OPTION);

if(psn == JOptionPane.OK\_OPTION){

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "Delete From lembur Where lemburID='"+vId+"'";

PreparedStatement p =(PreparedStatement) koneksi.getKoneksi().prepareCall(sql);

p.executeUpdate();

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiHapus");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiHapus!");

reset();

}

}

}

public void itemTerpilih(){

Data\_Search DS = new Data\_Search();

DS.fL = this;

nm.setText(nmKry);

jbt.setText(jbtKry);

gol.setText(golKry);

}

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

selectData();

jButton2.setEnabled(true);

jButton3.setEnabled(true);

jButton1.setEnabled(false);

}

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

update();

jButton1.setEnabled(true);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

}

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

save();

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

delete();

jButton1.setEnabled(true);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

int konf = JOptionPane.showConfirmDialog(null, "Yakin Ingin menutup Form?","Konfirmasi",JOptionPane.YES\_NO\_OPTION);

if(konf == JOptionPane.YES\_OPTION){

this.dispose();

}

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

getData();

}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

Data\_Search DS = new Data\_Search();

DS.fL = this;

DS.setVisible(true);

DS.setResizable(false);

jj.requestFocus();

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

cr.setText(null);

getData();

}

**Form\_Penggajian.java**

package Form;

import java.sql.\*;

import koneksiDB.koneksi;

import javax.swing.\*;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.table.DefaultTableModel;

import java.awt.\*;

/\*\*

\*

\* @author syahrul

\*/

public class Form\_Penggajian extends javax.swing.JFrame {

private DefaultTableModel model;

String vNm,vTgl,vJbt,vGol;

int vId,vGp,vGl,vT,vP,vGb;

private static Statement st;

/\*\*

\* Creates new form Penggajian

\*/

public Form\_Penggajian() {

initComponents();

model = new DefaultTableModel();

tbl.setModel(model);

model.addColumn("ID");

model.addColumn("TglGaji");

model.addColumn("Nama");

model.addColumn("Jabatan");

model.addColumn("Golongan");

model.addColumn("GajiPokok");

model.addColumn("GajiLembur");

model.addColumn("Tunjangan");

model.addColumn("Potongan");

model.addColumn("GajiBersih");

getData();

upd.setEnabled(false);

del.setEnabled(false);

nm.setEditable(false);

jbt.setEditable(false);

gol.setEditable(false);

gl.setEditable(false);

Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

Dimension frameSize = getSize();

setLocation((screenSize.width - frameSize.width)/2,(screenSize.height-frameSize.height)/2);

}

public String nmKry, jbtKry, golKry;

public int lmb;

public String getnmKry() {

return nmKry;

}

public String getjbtKry() {

return jbtKry;

}

public String getgolKry() {

return golKry;

}

public int getLmb(){

return lmb;

}

public void getData(){

model.getDataVector().removeAllElements();

model.fireTableDataChanged();

String k = (String)ktg.getSelectedItem();

String c = cr.getText();

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "SELECT \* FROM penggajian WHERE "+k+" like '%"+c+"%'";

ResultSet res = st.executeQuery(sql);

while(res.next()){

Object[] obj = new Object[10];

obj[0] = res.getString("gajiID");

obj[1] = res.getString("tgl");

obj[2] = res.getString("nama");

obj[3] = res.getString("jabatan");

obj[4] = res.getString("golongan");

obj[5] = res.getString("gapok");

obj[6] = res.getString("gaji\_lembur");

obj[7] = res.getString("tunjangan");

obj[8] = res.getString("potongan");

obj[9] = res.getString("gaji\_bersih");

model.addRow(obj);

}

}catch(SQLException err){

JOptionPane.showMessageDialog(null, err.getMessage());

}

}

public void loadData(){

vNm = nm.getText();

String tampilan ="yyyy-MM-dd" ;

SimpleDateFormat fm = new SimpleDateFormat(tampilan);

vTgl = String.valueOf(fm.format(tg.getDate()));

vGp = Integer.parseInt(gp.getText());

vGl = Integer.parseInt(gl.getText());

vT = Integer.parseInt(tj.getText());

vP = Integer.parseInt(pt.getText());

vGb = (vGp+vGl+vT) - vP;

vJbt = jbt.getText();

vGol = gol.getText();

}

public void save(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "Insert into penggajian(tgl,nama,jabatan,golongan,gapok,gaji\_lembur,tunjangan,potongan,gaji\_bersih)" +"values('"+vTgl+"','"+vNm+"','"+vJbt+"','"+vGol+"','"+vGp+"','"+vGl+"','"+vT+"','"+vP+"','"+vGb+"')";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate(sql);

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiSimpan!");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiSimpan!");

reset();

}

}

public void reset(){

vId = 0;

vNm = "";

vTgl = "";

vGp = 0;

vGl = 0;

vT = 0;

vP = 0;

vGb = 0;

vJbt = "";

vGol = "";

nm.setText(null);

tg.setDate(null);

jbt.setText(null);

gol.setText(null);

gp.setText(null);

gl.setText(null);

tj.setText(null);

pt.setText(null);

}

public void selectData(){

int i = tbl.getSelectedRow();

if(i == -1){

JOptionPane.showMessageDialog(null, "Tidak ada data terpilih!");

return;

}

nm.setText(""+model.getValueAt(i, 2));

try {

int index = tbl.getSelectedRow();

Date date = new SimpleDateFormat("yyyy-MM-dd").parse((String)model.getValueAt(index, 1));

tg.setDate(date);

} catch (ParseException ex) {

Logger.getLogger(Form\_Karyawan.class.getName()).log(Level.SEVERE, null, ex);

}

jbt.setText(""+model.getValueAt(i, 3));

gol.setText(""+model.getValueAt(i, 4));

gp.setText(""+model.getValueAt(i, 5));

gl.setText(""+model.getValueAt(i, 6));

tj.setText(""+model.getValueAt(i, 7));

pt.setText(""+model.getValueAt(i, 8));

vGb = Integer.valueOf(""+model.getValueAt(i, 9));

vId = Integer.valueOf(""+model.getValueAt(i, 0));

}

public void update(){

loadData();

try{

st = (Statement)koneksi.getKoneksi().createStatement();

String sql = "update penggajian set tgl = '"+vTgl+"',"

+ "nama='"+vNm+"',"

+ "jabatan='"+vJbt+"',"

+ "golongan='"+vGol+"',"

+ "gapok='"+vGp+"',"

+ "gaji\_lembur='"+vGl+"',"

+ "tunjangan='"+vT+"',"

+ "potongan='"+vP+"',"

+ "gaji\_bersih='"+vGb+"' where gajiID='"+vId+"'";

PreparedStatement p = (PreparedStatement)koneksi.getKoneksi().prepareStatement(sql);

p.executeUpdate();

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiUpdate");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiUpdate!");

reset();

}

}

public void delete(){

//loadData();

int psn = JOptionPane.showConfirmDialog(null, "Anda yakin ingin menghapus data ini?","Konfirmasi",

JOptionPane.OK\_CANCEL\_OPTION);

if(psn == JOptionPane.OK\_OPTION){

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "Delete From penggajian Where gajiID='"+vId+"'";

PreparedStatement p =(PreparedStatement) koneksi.getKoneksi().prepareCall(sql);

p.executeUpdate();

getData();

reset();

nm.requestFocus();

JOptionPane.showMessageDialog(null, "Data Berhasil DiHapus");

}catch(SQLException err){

JOptionPane.showMessageDialog(null, "Data Gagal DiHapus!");

reset();

}

}

}

public void itemTerpilih(){

Data\_Search2 DS = new Data\_Search2();

DS.fP = this;

nm.setText(nmKry);

jbt.setText(jbtKry);

gol.setText(golKry);

gl.setText(String.valueOf(lmb));

}

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

selectData();

upd.setEnabled(true);

del.setEnabled(true);

jButton1.setEnabled(false);

}

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

save();

}

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

update();

jButton1.setEnabled(true);

upd.setEnabled(false);

del.setEnabled(false);

}

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

delete();

jButton1.setEnabled(true);

upd.setEnabled(false);

del.setEnabled(false);

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

int konf = JOptionPane.showConfirmDialog(null, "Yakin Ingin menutup Form?","Konfirmasi",JOptionPane.YES\_NO\_OPTION);

if(konf == JOptionPane.YES\_OPTION){

this.dispose();

}

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

cr.setText(null);

getData();

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

getData();

}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

Data\_Search2 DS = new Data\_Search2();

DS.fP = this;

DS.setVisible(true);

DS.setResizable(false);

gp.requestFocus();

}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

Data\_Search\_Lmb DSL = new Data\_Search\_Lmb();

DSL.fP = this;

DSL.setVisible(true);

DSL.setResizable(false);

tj.requestFocus();

}

**Data\_Search.java 🡪 Get Data Karyawan For Textfield Form Lembur**

**Data\_Search2.java 🡪 Get Data Karyawan For Textfield Form Penggajian**

**Data\_Search\_Lmb.java 🡪 Get Data Lembur For TextField Form Penggajian**

**Lap\_Karyawan.java**

package Form;

import java.awt.Dimension;

import java.awt.Toolkit;

import java.io.File;

import koneksiDB.koneksi;

import java.sql.\*;

import java.util.\*;

import java.util.logging.\*;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import net.sf.jasperreports.engine.\*;

import net.sf.jasperreports.engine.design.JasperDesign;

import net.sf.jasperreports.engine.xml.JRXmlLoader;

import net.sf.jasperreports.view.\*;

/\*\*

\*

\* @author syahrul

\*/

public class Lap\_Karyawan extends javax.swing.JFrame {

JasperReport jasperReport;

JasperDesign jasperDesign;

JasperPrint jasperPrint;

Map param = new HashMap();

private DefaultTableModel model;

private static Statement st;

/\*\*

\* Creates new form Lap

\*/

public Lap\_Karyawan() {

initComponents();

model = new DefaultTableModel();

tbl.setModel(model);

model.addColumn("ID");

model.addColumn("Nama");

model.addColumn("TglLahir");

model.addColumn("JK");

model.addColumn("Alamat");

model.addColumn("NoHP");

model.addColumn("Jabatan");

model.addColumn("Golongan");

getData();

Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

Dimension frameSize = getSize();

setLocation((screenSize.width - frameSize.width)/2,(screenSize.height-frameSize.height)/2);

}

public void getData(){

model.getDataVector().removeAllElements();

model.fireTableDataChanged();

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "SELECT \* FROM karyawan";

ResultSet res = st.executeQuery(sql);

while(res.next()){

Object[] obj = new Object[8];

obj[0] = res.getString("karyawanID");

obj[1] = res.getString("nama");

obj[2] = res.getString("tgl\_lahir");

obj[3] = res.getString("jk");

obj[4] = res.getString("alamat");

obj[5] = res.getString("noHP");

obj[6] = res.getString("jabatan");

obj[7] = res.getString("golongan");

model.addRow(obj);

}

}catch(SQLException err){

JOptionPane.showMessageDialog(null, err.getMessage());

}

}

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

try{

File reprt = new File("src/Form/report1.jrxml");

jasperDesign = JRXmlLoader.load(reprt);

param.clear();

jasperReport = JasperCompileManager.compileReport(jasperDesign);

jasperPrint = JasperFillManager.fillReport(jasperReport,param,koneksi.getKoneksi());

JasperViewer.viewReport(jasperPrint,false);

JasperPrintManager.printReport(jasperPrint, true);

}catch(Exception e){

JOptionPane.showMessageDialog(null, e);

}

}

**Lap\_Penggajian.java**

package Form;

import java.awt.Dimension;

import java.awt.Toolkit;

import java.io.File;

import koneksiDB.koneksi;

import java.sql.\*;

import java.util.\*;

import java.util.logging.\*;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import net.sf.jasperreports.engine.\*;

import net.sf.jasperreports.engine.design.JasperDesign;

import net.sf.jasperreports.engine.xml.JRXmlLoader;

import net.sf.jasperreports.view.\*;

/\*\*

\*

\* @author syahrul

\*/

public class Lap\_Penggajian extends javax.swing.JFrame {

JasperReport jasperReport;

JasperDesign jasperDesign;

JasperPrint jasperPrint;

Map param = new HashMap();

private DefaultTableModel model;

private static Statement st;

/\*\*

\* Creates new form Lap\_Penggajian

\*/

public Lap\_Penggajian() {

initComponents();

model = new DefaultTableModel();

tbl.setModel(model);

model.addColumn("ID");

model.addColumn("TglGaji");

model.addColumn("Nama");

model.addColumn("Jabatan");

model.addColumn("Golongan");

model.addColumn("GajiPokok");

model.addColumn("GajiLembur");

model.addColumn("Tunjangan");

model.addColumn("Potongan");

model.addColumn("GajiBersih");

getData();

Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

Dimension frameSize = getSize();

setLocation((screenSize.width - frameSize.width)/2,(screenSize.height-frameSize.height)/2);

}

public void getData(){

model.getDataVector().removeAllElements();

model.fireTableDataChanged();

try{

st = (Statement) koneksi.getKoneksi().createStatement();

String sql = "SELECT \* FROM penggajian";

ResultSet res = st.executeQuery(sql);

while(res.next()){

Object[] obj = new Object[10];

obj[0] = res.getString("gajiID");

obj[1] = res.getString("tgl");

obj[2] = res.getString("nama");

obj[3] = res.getString("jabatan");

obj[4] = res.getString("golongan");

obj[5] = res.getString("gapok");

obj[6] = res.getString("gaji\_lembur");

obj[7] = res.getString("tunjangan");

obj[8] = res.getString("potongan");

obj[9] = res.getString("gaji\_bersih");

model.addRow(obj);

}

}catch(SQLException err){

JOptionPane.showMessageDialog(null, err.getMessage());

}

}

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

try{

File reprt = new File("src/Form/report2.jrxml");

jasperDesign = JRXmlLoader.load(reprt);

param.clear();

jasperReport = JasperCompileManager.compileReport(jasperDesign);

jasperPrint = JasperFillManager.fillReport(jasperReport,param,koneksi.getKoneksi());

JasperViewer.viewReport(jasperPrint,false);

JasperPrintManager.printReport(jasperPrint, true);

}catch(Exception e){

JOptionPane.showMessageDialog(null, e);

}

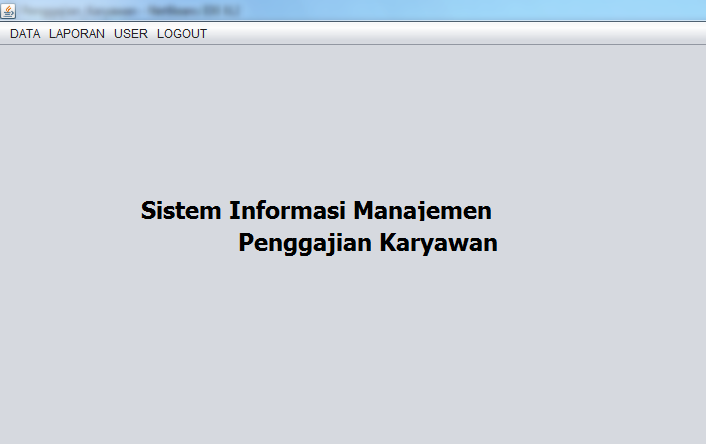
}

**SCREENSHOT PROGRAM**

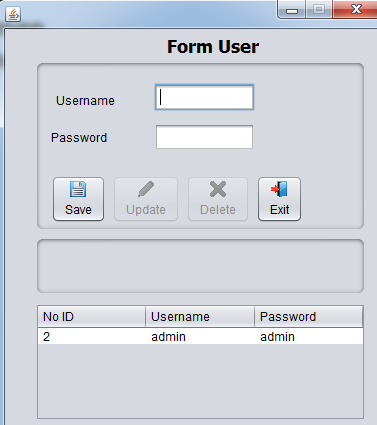
**Form Login**

****

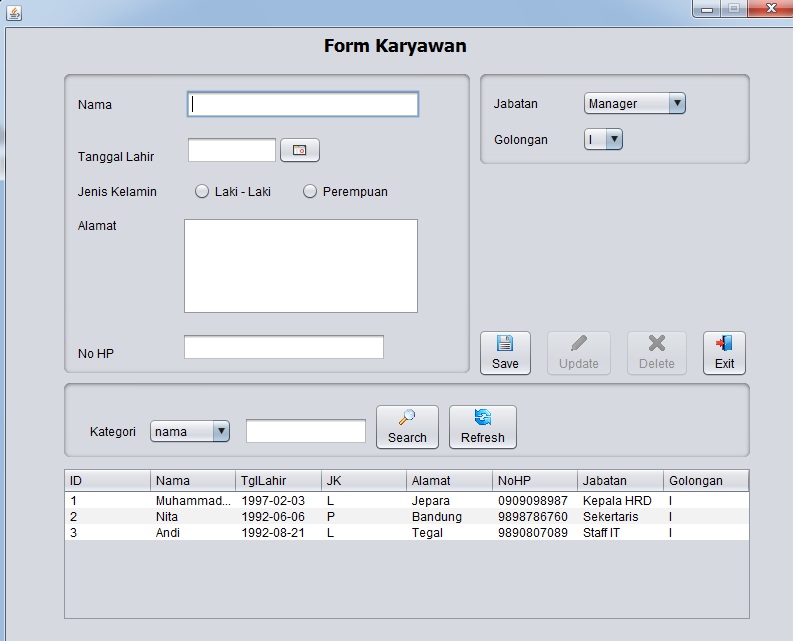
**Form Utama**

****

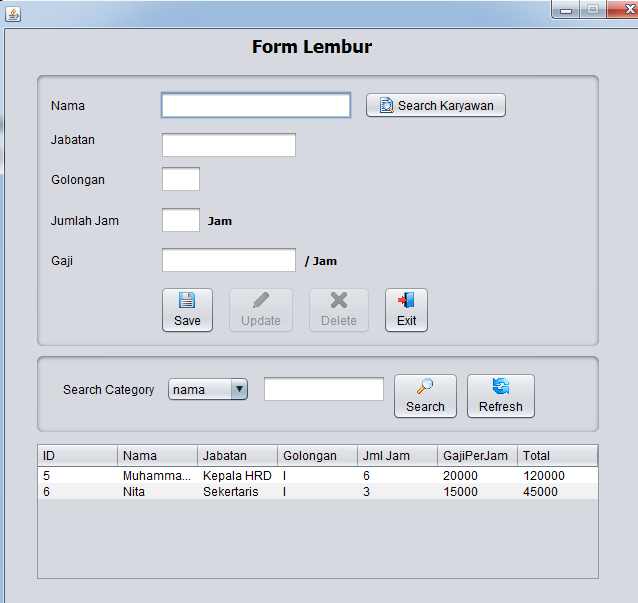
**Form User**

****

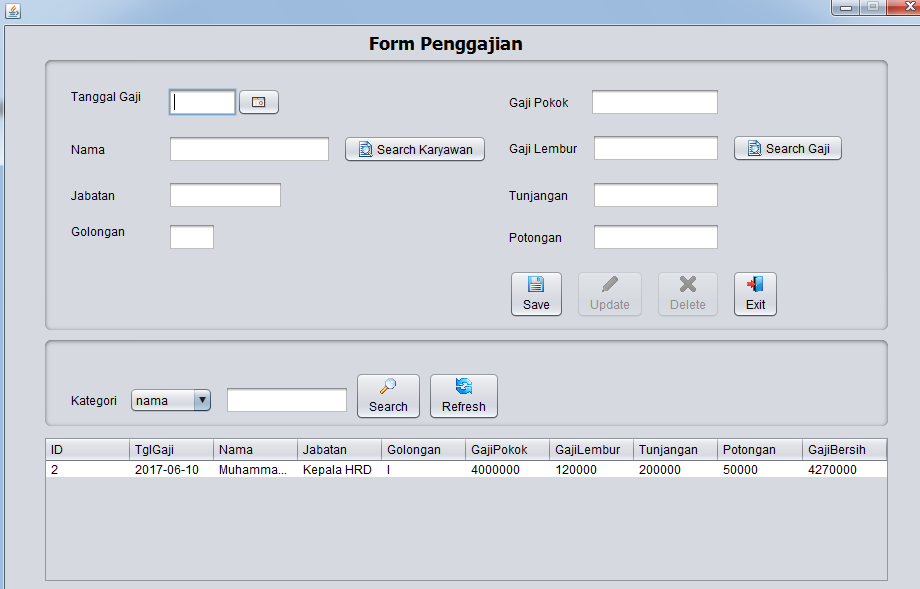
**Form Karyawan**

****

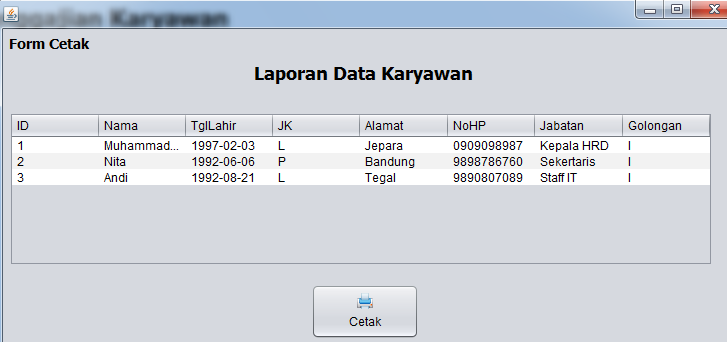
**Form Lembur**

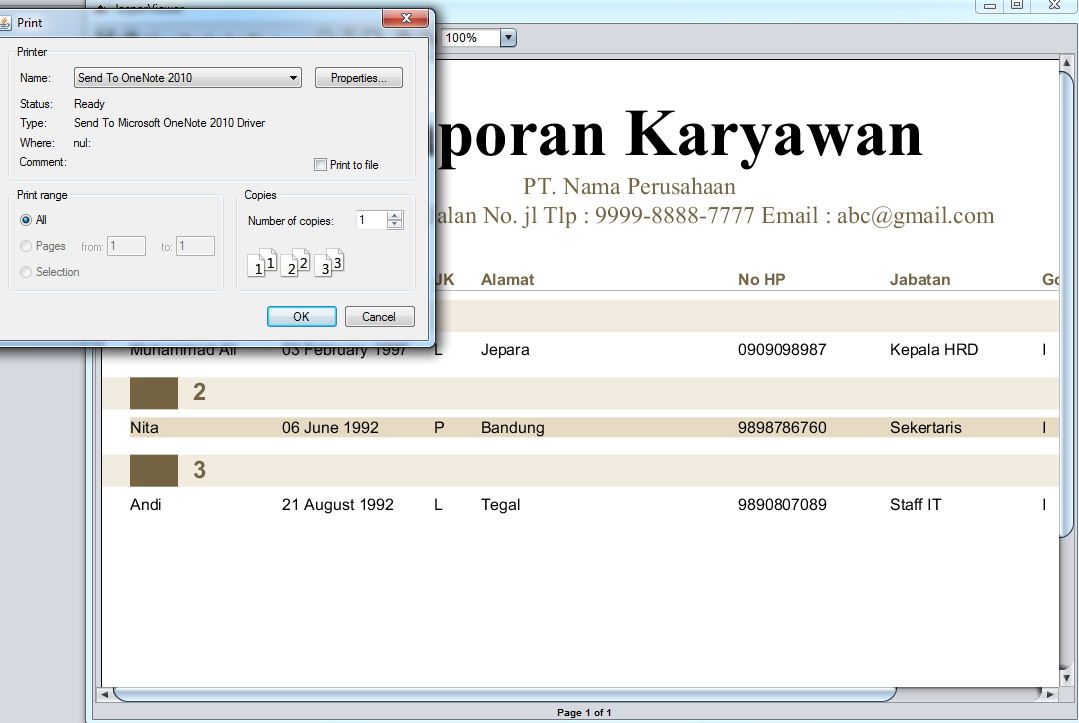
****

**Form Penggajian**

****

**Lap Karyawan**

****

****

**Lap Penggajian**

