

LAMPIRAN

1. Form Login

```
package sipengukuran.form;
import com.jtattoo.plaf.mcwin.McWinLookAndFeel;
import java.sql.*;
import javax.swing.*;
/**
 *
 * @author tematik
 */
public class FrmLogin extends javax.swing.JFrame {
public Connection conn;
public Statement cn;
public static int kondisilogin=10;
public static String userlogin="tidak terdeteksi";
/**
 * Creates new form FrmLogin
 */
public FrmLogin() {
initComponents();
}
//buat koneksi ke mysql

public void koneksi(){
try{
Class.forName("com.mysql.jdbc.Driver");
conn
DriverManager.getConnection("jdbc:mysql://localhost:3306/spp","root","a
dmin");
=
```

```

cn = conn.createStatement();
}catch (Exception e){
JOptionPane.showMessageDialog(this,"koneksi gagal",
        "informasi",JOptionPane.ERROR_MESSAGE);
System.out.println(e.getMessage());
}
}
private void proseslogin(){
String level = "";
try {
koneksi();
String sql = "Select * from user where
username='"+txtUser.getText()+"and password='"+txtPass.getText()+"'";
ResultSet rs = cn.executeQuery(sql);

while (rs.next()) {
    level = rs.getString(3);
}
if (level.equals("")) {
    JOptionPane.showMessageDialog(null, "Username dan
    Password salah!");
    clear() ;
}
else {
    switch (level) {
        case "admin":
            new FrmMainAdmin().setVisible(true);
            break;
        case "loket1":

```

```
        new FrmMainLoket1().setVisible(true);
            break;
        case "loket2":
            new FrmMainLoket2().setVisible(true);
            break;
        case "petugasukur":
            new FrmMainPetugasUkur().setVisible(true);
            break;
        case "drawer":
            new FrmMainDrawer().setVisible(true);
            break;
        case "pemetaan":
            new FrmMainPemetaan().setVisible(true);
            break;
        case "koordinator":
            new FrmMainKoordinator().setVisible(true);
            break;
        case "kasubi":
            new FrmMainKasubi().setVisible(true);
            break;
        case "kasi":
            new FrmMainKasi().setVisible(true);
            break;
    }
    userlogin = txtUser.getText();
}
} catch (Exception e) {
    JOptionPane.showMessageDialog(null, e.getMessage());
}
```

```

    }
}
private void clear() {
    txtUser.setText("");
    txtPass.setText("");
}

```

2. Form Utama

```

package sipengukuran.form;
import com.jtattoo.plaf.mcwin.McWinLookAndFeel;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.UIManager;
import javax.swing.UnsupportedLookAndFeelException;
/**
 *
 * @author tematik
 */
public class FrmMainAdmin extends javax.swing.JFrame {
    koneksi koneksi;
    ResultSet resultSet;
    Statement statement;
    /**
     * Creates new form FrmMainAdmin
     */
    public FrmMainAdmin() {
        initComponents();
        //_User = userlogin;
        loginadmin();
    }
}

```

```
}  
private void loginadmin () {  
    MenuLogout.setEnabled(true);  
    MenuKeluar.setEnabled(true);  
    MenuTambah.setEnabled(true);  
    SubMenuUser.setEnabled(true);  
    SubMenuProsedur.setEnabled(true);  
    SubMenuDesa.setEnabled(true);  
    SubMenuKecamatan.setEnabled(true);  
    SubMenuPetugasUkur.setEnabled(true);  
    SubMenuDrawer.setEnabled(true);  
    MenuPemberitahuan.setEnabled(true);  
    MenuLoket1.setEnabled(true);  
    MenuLoket2.setEnabled(true);  
    MenuPetugasUkur.setEnabled(true);  
    MenuDrawer.setEnabled(true);  
    MenuPemetaan.setEnabled(true);  
    MenuKoordinator.setEnabled(true);  
    MenuKasubsi.setEnabled(true);  
    MenuKasi.setEnabled(true);  
    MenuPermohonan.setEnabled(true);  
    SubMenuTanggal.setEnabled(true);  
    SubMenuBulan.setEnabled(true);  
    SubMenuTahun.setEnabled(true);  
    MenuPPL.setEnabled(true);  
    MenuKinerjaSeksi.setEnabled(true);  
}
```

3. Laporan Kinerja Seksi

```
package sipengukuran.form;

import com.jtattoo.plaf.mcwin.McWinLookAndFeel;
import java.io.File;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.DateFormat;
import java.text.ParseException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.HashMap;
import java.util.Map;
import javax.persistence.EntityManager;
import javax.swing.JTable;
import javax.swing.UIManager;
import javax.swing.UnsupportedLookAndFeelException;
import net.sf.jasperreports.engine.JasperCompileManager;
import net.sf.jasperreports.engine.JasperFillManager;
import net.sf.jasperreports.engine.JasperPrint;
import net.sf.jasperreports.engine.JasperReport;
import net.sf.jasperreports.engine.design.JRDesignQuery;
```

```

import net.sf.jasperreports.engine.design.JasperDesign;
import net.sf.jasperreports.engine.xml.JRXmlLoader;
import net.sf.jasperreports.view.JasperViewer;
/**
 *
 * @author tematik
 */
public class LapKinerjaSeksi extends javax.swing.JFrame {
Statement statement;
    ResultSet rs;
    private String JasperDesign;
/**
 * Creates new form PnlTambahUser
 */
    public LapKinerjaSeksi() {
        initComponents();
        tampil_petugasukur();
    }
public Connection conn;
    public void koneksi() throws SQLException {
    try
    {
        conn=null;
        Class.forName("com.mysql.jdbc.Driver");
        conn
        DriverManager.getConnection("jdbc:mysql://localhost:3306/spp", "root",
"admin");
    }
    catch (ClassNotFoundException ex)    {

```

```
Logger.getLogger(LapKinerjaSeksi.class.getName()).log(Level.SEVERE,  
null, ex);
```

```
}
```

```
catch (SQLException e)
```

```
{
```

```
Logger.getLogger(LapKinerjaSeksi.class.getName()).log(Level.SEVERE,  
null, e);
```

```
}
```

```
catch (Exception es)
```

```
{
```

```
Logger.getLogger(LapKinerjaSeksi.class.getName()).log(Level.SEVERE,  
null, es);
```

```
}
```

```
}
```

```
/**
```

```
 * Creates new form ComboBox
```

```
 */
```

```
public void closeKoneksi() {
```

```
    try {
```

```
        conn.close();
```

```
        statement.close();
```

```
        rs.close();
```

```
    } catch (Exception ex) {
```

```
        ex.printStackTrace();
```

```
    }
```

```
}
```

```
private void tampil_petugasukur() {
```

```
    //jComboBox1.addItem("");
```

```
    try {
```



```

koneksi();
String sql = "select namaukur from pukur";
Statement stat = conn.createStatement();
ResultSet res=stat.executeQuery(sql);
while (res.next()) {
    }
} catch (Exception e) {
}
}
private void cekloket1 (){
    try {
        String sql="select count(id) from loket1";
        Statement stat = conn.createStatement();
        ResultSet res = stat.executeQuery(sql);
        if(res.next()){
            txtstatus1.setText(res.getString(1));
        } else {
            JOptionPane.showMessageDialog(null, "Data kosong");
        }
    }catch (Exception ex){
        System.out.println("Error."+ex);
    }
}
private void cekspk (){
    try {
        String sql="select count(id) from spk";
        Statement stat = conn.createStatement();
        ResultSet res = stat.executeQuery(sql);
        if(res.next()){

```

```

        txtstatus2.setText(res.getString(1));
    } else {
        JOptionPane.showMessageDialog(null, "Data kosong");
    }
} catch (Exception ex){
    System.out.println("Error." +ex);
}
}

private void cekdrawer (){
    try {
        String sql="select count(id) from drawer";
        Statement stat = conn.createStatement();
        ResultSet res = stat.executeQuery(sql);
        if(res.next()){
            txtstatus3.setText(res.getString(1));
        } else {
            JOptionPane.showMessageDialog(null, "Data kosong");
        }
    } catch (Exception ex){
        System.out.println("Error." +ex);
    }
}

private void cekpemetaan (){
    try {
        String sql="select count(id) from pemetaan";
        Statement stat = conn.createStatement();
        ResultSet res = stat.executeQuery(sql);
        if(res.next()){
            txtstatus4.setText(res.getString(1));
        }
    }
}

```

```

    } else {
        JOptionPane.showMessageDialog(null, "Data kosong");
    }
} catch (Exception ex){
    System.out.println("Error."+ex);
}
}
private void cekkoor (){
    try {
        String sql="select count(id) from koor";
        Statement stat = conn.createStatement();
        ResultSet res = stat.executeQuery(sql);
        if(res.next()){
            txtstatus5.setText(res.getString(1));
        } else {
            JOptionPane.showMessageDialog(null, "Data kosong");
        }
    } catch (Exception ex){
        System.out.println("Error."+ex);
    }
}
private void ceksubsi (){
    try {
        String sql="select count(id) from subsi";
        Statement stat = conn.createStatement();
        ResultSet res = stat.executeQuery(sql);
        if(res.next()){
            txtstatus6.setText(res.getString(1));
        } else {

```

```

        JOptionPane.showMessageDialog(null, "Data kosong");
    }
} catch (Exception ex){
    System.out.println("Error."+ex);
}
}

private void cekkasi (){
try {
    String sql="select count(id) from kasi";
    Statement stat = conn.createStatement();
    ResultSet res = stat.executeQuery(sql);
    if(res.next()){
        txtstatus7.setText(res.getString(1));
    } else {
        JOptionPane.showMessageDialog(null, "Data kosong");
    }
} catch (Exception ex){
    System.out.println("Error."+ex);
}
}

private void cekloket2 (){
try {
    String sql="select count(id) from loket2";
    Statement stat = conn.createStatement();
    ResultSet res = stat.executeQuery(sql);
    if(res.next()){
        txtstatus8.setText(res.getString(1));
    } else {
        JOptionPane.showMessageDialog(null, "Data kosong");
    }
}
}

```

```

    }
} catch (Exception ex){
    System.out.println("Error."+ex);
}
}

private void cekproses (){
try {
    String sql="select count(id) from log where ket='Proses'";
    Statement stat = conn.createStatement();
    ResultSet res = stat.executeQuery(sql);
    if(res.next()){
        txtproses.setText(res.getString(1));
    } else {
        JOptionPane.showMessageDialog(null, "Data kosong");
    }
} catch (Exception ex){
    System.out.println("Error."+ex);
}
}

private void cekselesai (){
try {
    String sql="select count(id) from log where ket='Selesai'";
    Statement stat = conn.createStatement();
    ResultSet res = stat.executeQuery(sql);
    if(res.next()){
        txtselesai.setText(res.getString(1));
    } else {
        JOptionPane.showMessageDialog(null, "Data kosong");
    }
}
}

```

```

    }catch (Exception ex){
        System.out.println("Error."+ex);
    }
}

    private void cektotal (){
try {
    String sql="select count(id) from log";
    Statement stat = conn.createStatement();
    ResultSet res = stat.executeQuery(sql);
    if(res.next()){
        txttotal.setText(res.getString(1));
    } else {
        JOptionPane.showMessageDialog(null, "Data kosong");
    }
}catch (Exception ex){
    System.out.println("Error."+ex);
}
}

private void reset() {
txtstatus1.setText("");
txtstatus2.setText("");
txtstatus3.setText("");
txtstatus4.setText("");
txtstatus5.setText("");
txtstatus6.setText("");
txtstatus7.setText("");
txtstatus8.setText("");
txtproses.setText("");
txtselesai.setText("");

```

```
txttotal.setText("");  
}
```

4. Laporan Permohonan Per Tanggal

```
package sipengukuran.form;  
import com.jtattoo.plaf.mcwin.McWinLookAndFeel;  
import java.io.File;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
import java.text.DateFormat;  
import java.text.ParseException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.JOptionPane;  
import javax.swing.table.DefaultTableModel;  
import java.text.SimpleDateFormat;  
import java.util.Date;  
import java.util.HashMap;  
import java.util.Map;  
import javax.persistence.EntityManager;  
import javax.swing.JTable;  
import javax.swing.UIManager;  
import javax.swing.UnsupportedLookAndFeelException;  
import net.sf.jasperreports.engine.JasperCompileManager;  
import net.sf.jasperreports.engine.JasperFillManager;  
import net.sf.jasperreports.engine.JasperPrint;  
import net.sf.jasperreports.engine.JasperReport;
```

```

import net.sf.jasperreports.engine.design.JRDesignQuery;
import net.sf.jasperreports.engine.design.JasperDesign;
import net.sf.jasperreports.engine.xml.JRXmlLoader;
import net.sf.jasperreports.view.JasperViewer;
/**
 *
 * @author tematik
 */
public class LapPermohonanPerBulan extends javax.swing.JFrame {
Statement statement;
    ResultSet rs;
    private String JasperDesign;
/**
 * Creates new form PnlTambahUser
 */
    public LapPermohonanPerBulan() {
        initComponents();
        tampil_petugasukur();
    }
public Connection conn;
    public void koneksi() throws SQLException {
        try
        {
            conn=null;
            Class.forName("com.mysql.jdbc.Driver");
            conn
            DriverManager.getConnection("jdbc:mysql://localhost:3306/spp", "root",
            "admin");
        }
        catch (ClassNotFoundException ex)

```



```

    {

Logger.getLogger(LapPermohonanPerBulan.class.getName()).log(Level.S
EVERE, null, ex);

    }
    catch (SQLException e)
    {
Logger.getLogger(LapPermohonanPerBulan.class.getName()).log(Level.S
EVERE, null, e);
    }
    catch (Exception es)
    {
Logger.getLogger(LapPermohonanPerBulan.class.getName()).log(Level.S
EVERE, null, es);
    }
}
/**
 * Creates new form ComboBox
 */
public void closeKoneksi() {
    try {
        conn.close();
        statement.close();
        rs.close();
    } catch (Exception ex) {
        ex.printStackTrace();
    }
}
private void cetak() {
    String bulan=cmbulan.getSelectedItem().toString();
    try {
        koneksi();

```

```

        JasperDesign                jasperDesign                =
JRXmlLoader.load("C:/SIP/SIPengukuran/src/report/lappertanggal.jrxml")
;
        String    sql    =    "select    *    from    log    where
date_format(tglbayar,'%m')="+bulan+""";
        JRDesignQuery newQuery = new JRDesignQuery();
        newQuery.setText(sql);
        jasperDesign.setQuery(newQuery);
        JasperReport                jasperReport                =
JasperCompileManager.compileReport(jasperDesign);
        JasperPrint                jasperPrint                =
JasperFillManager.fillReport(jasperReport, null, conn);
        JasperViewer.viewReport(jasperPrint, false);
    } catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void tampil_petugasukur() {
    //jComboBox1.addItem("");
    try {
        koneksi();
        String sql = "select namaukur from pukur";
        Statement stat = conn.createStatement();
        ResultSet res=stat.executeQuery(sql);
        while (res.next()) {
            }
        } catch (Exception e) {
        }
    }

private void cari() {
    String bulan=cmbulan.getSelectedItemAt().toString();

```

```

Object header[] = {"NoId","NoBerkas", "Pemohon", "Prosedur",
"Bidang", "Desa", "Kecamatan", "DI301", "Luas", "Tgl. Bayar" };

DefaultTableModel dtm = new DefaultTableModel(null, header);

tabellaporan.setModel(dtm);

String sql = "select
id,noberkas,pemohon,prosedur,bidang,desa,kec,di301,luas1,tglbayar from
log where date_format(tglbayar,'%m')='"+bulan+"'";

try {
Statement stat = conn.createStatement();
ResultSet res=stat.executeQuery(sql);
while (res.next()){
String kolom1 = res.getString(1);
String kolom2 = res.getString(2);
String kolom3 = res.getString(3);
String kolom4 = res.getString(4);
String kolom5 = res.getString(5);
String kolom6 = res.getString(6);
String kolom7 = res.getString(7);
String kolom8 = res.getString(8);
String kolom9 = res.getString(9);
String kolom10 = res.getString(10);

String kolom [] = {kolom1, kolom2, kolom3, kolom4, kolom5,
kolom6, kolom7, kolom8, kolom9, kolom10};

dtm.addRow(kolom);
}
} catch (Exception e) {
JOptionPane.showMessageDialog (null, "Data permohonan
gagal ditampilkan karena " + e.getMessage());
}
}

private void reset() {

```

```

        cmbulan.setSelectedIndex(0);
    }
    public static Date getTanggalFromTable(JTable table, int kolom){
        JTable tabel = table;

        String str_tgl =
String.valueOf(tabel.getValueAt(tabel.getSelectedRow(), kolom));

        Date tanggal = null;
        try {
            tanggal = new SimpleDateFormat("yyyy-MM-dd").parse(str_tgl);
        } catch (ParseException ex) {

Logger.getLogger(TableDate.class.getName()).log(Level.SEVERE, null,
ex);

        }
        return tanggal;
    }
}

```

5. Panel Loker 1

```

package sipengukuran.form;
import com.jtattoo.plaf.mcwin.McWinLookAndFeel;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.DateFormat;
import java.text.ParseException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

```

```

import java.text.SimpleDateFormat;
import java.util.Date;
import javax.swing.JTable;
import javax.swing.UIManager;
import javax.swing.UnsupportedLookAndFeelException;
/**
 *
 * @author tematik
 */
public class PnlLoket1 extends javax.swing.JFrame {
    /**
     * Creates new form PnlTambahUser
     */
    public PnlLoket1() {
        initComponents();
        tampil_prosedur();
        tampil_desa();
        tampil_kecamatan();
        select();
    }
    public Connection conn;
    public void koneksi() throws SQLException {
        try
        {
            conn=null;
            Class.forName("com.mysql.jdbc.Driver");
            conn
            DriverManager.getConnection("jdbc:mysql://localhost:3306/spp", "root",
            "admin");
        }

```

```

        catch (ClassNotFoundException ex)
        {
            Logger.getLogger(PnlLoket1.class.getName()).log(Level.SEVERE, null,
            ex);
        }
        catch (SQLException e)
        {
            Logger.getLogger(PnlLoket1.class.getName()).log(Level.SEVERE, null,
            e);
        }
        catch (Exception es)
        {
            Logger.getLogger(PnlLoket1.class.getName()).log(Level.SEVERE, null,
            es);
        }
    }
}
/**
 * Creates new form ComboBox
 */
private void tampil_prosedur() {
    //jComboBox1.addItem("");
    try {
        koneksi();
        String sql = "select prosedur from counterprosedur";
        Statement stat = conn.createStatement();
        ResultSet res=stat.executeQuery(sql);
        while (res.next()) {
            cbprosedur.addItem(res.getString(1));
        }
    } catch (Exception e) {
    }
}
}

```

```

private void tampil_desa() {
    //jComboBox1.addItem("");
    try {
        koneksi();
        String sql = "select desa from counterdesa";
        Statement stat = conn.createStatement();
        ResultSet res=stat.executeQuery(sql);
        while (res.next()) {
            cbdesa.addItem(res.getString(1));
        }
    } catch (Exception e) {
    }
}

private void tampil_kecamatan() {
    //jComboBox1.addItem("");
    try {
        koneksi();
        String sql = "select kec from counterkec";
        Statement stat = conn.createStatement();
        ResultSet res=stat.executeQuery(sql);
        while (res.next()) {
            cbkecamatan.addItem(res.getString(1));
        }
    } catch (Exception e) {
    }
}

public void tambah (){
    try{
        koneksi();

```

```

String sql = "Select id from log ORDER by id desc";
Statement stat = conn.createStatement();
ResultSet res=stat.executeQuery(sql);

if (res.next())
{
int id = Integer.parseInt(res.getString("id")) + 1;
txtid.setText(Integer.toString(id));
}
else{
int id = 1;
txtid.setText(Integer.toString(id));
}
res.close();
}catch (Exception e){
}
}

private void select() {
    Object header[] = {"NoId","NoBerkas", "Pemohon", "Alamat",
"Telepon", "Prosedur", "Bidang", "Desa", "Kecamatan","DI301", "DI302",
"DI303", "DI305", "Luas", "Biaya", "Tgl Bayar", "Status"};

    DefaultTableModel dtm = new DefaultTableModel(null, header);
    tabelloket1.setModel(dtm);

    String sql = "select * from loket1";

    try {
        Statement stat = conn.createStatement();
        ResultSet res=stat.executeQuery(sql);
        while (res.next()){
            String kolom1 = res.getString(1);
            String kolom2 = res.getString(2);

```



```

        String kolom3 = res.getString(3);
        String kolom4 = res.getString(4);
        String kolom5 = res.getString(5);
        String kolom6 = res.getString(6);
        String kolom7 = res.getString(7);
        String kolom8 = res.getString(8);
        String kolom9 = res.getString(9);
        String kolom10 = res.getString(10);
        String kolom11 = res.getString(11);
        String kolom12 = res.getString(12);
        String kolom13 = res.getString(13);
        String kolom14 = res.getString(14);
        String kolom15 = res.getString(15);
        String kolom16 = res.getString(16);
        String kolom17 = res.getString(17);

        String kolom [] = {kolom1, kolom2, kolom3, kolom4, kolom5,
        kolom6, kolom7, kolom8, kolom9, kolom10, kolom11, kolom12,
        kolom13, kolom14, kolom15, kolom16, kolom17};

        dtm.addRow(kolom);
    }
    } catch (Exception e) {
        JOptionPane.showMessageDialog (null, "Tabel loket gagal
        ditampilkan karena " + e.getMessage());
    }
}

private void simpan(){
    Date skrg = new Date();
    DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd");
    String id = txtid.getText();
    String noberkas = txtnoberkas.getText();

```

```

String pemohon = txtpemohon.getText();
String alamat = txtalamat.getText();
String telpemohon = txttelepon.getText();
String prosedur = cbprosedur.getSelectedItem().toString();
String bidang = txtbidang.getText();
String desa = cbdesa.getSelectedItem().toString();
String kec = cbkecamatan.getSelectedItem().toString();
String di301 = txt301.getText();
String di302 = txt302.getText();
String di303 = txt303.getText();
String di305 = txt305.getText();
String luas1 = txtluas1.getText();
String biaya = txtbiaya.getText();

String                                tglbayar                                =
String.valueOf(dateFormat.format(dtpbayar.getDate()));

String status1 = dateFormat.format(skrng);

String sql = "insert into loket1 values (" + id + "," + noberkas + "," +
pemohon + "," + alamat + "," + telpemohon + "," + prosedur + "," +
bidang + "," + desa + "," + kec + "," + di301 + "," + di302 + "," +
di303 + "," + di305 + "," + luas1 + "," + biaya + "," + tglbayar + "," +
status1 + ")";

try {

    Statement stat = conn.createStatement();

    int res=stat.executeUpdate(sql);

} catch (Exception e) {

    JOptionPane.showMessageDialog(null, "Simpan tabel loket gagal
karena " + e.getMessage());

}

}

private void hapus() {

    String id = txtid.getText();

    String sql = "delete from loket1 where id=" + id + """;

```

```

try {
    Statement stat = conn.createStatement();
    int res=stat.executeUpdate(sql);
} catch (Exception e) {
    JOptionPane.showMessageDialog(null, "Hapus pada tabel loket
gagal karena " + e.getMessage());
}
}

private void edit() {
    DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd");
    String id = txtid.getText();
    String noberkas = txtnoberkas.getText();
    String pemohon = txtpemohon.getText();
    String alamat = txtalamat.getText();
    String telpemohon = txttelepon.getText();
    String prosedur = cbprosedur.getSelectedItem().toString();
    String bidang = txtbidang.getText();
    String desa = cbdesa.getSelectedItem().toString();
    String kec = cbkecamatan.getSelectedItem().toString();
    String di301 = txt301.getText();
    String di302 = txt302.getText();
    String di303 = txt303.getText();
    String di305 = txt305.getText();
    String luas1 = txtluas1.getText();
    String biaya = txtbiaya.getText();

    String                                tglbayar                                =
String.valueOf(dateFormat.format(dtpbayar.getDate()));

    String sql = "update loket1 set tglbayar=" + tglbayar + ",biaya=" +
biaya + ",luas1=" + luas1 + ",di305=" + di305 + ",di303=" + di303 +
",di302=" + di302 + ",di301=" + di301 + ",kec=" + kec + ",desa=" +
desa + ",bidang=" + bidang + ",prosedur=" + prosedur +

```

```

",telpemohon="" + telpemohon + "",alamat="" + alamat + "",pemohon="" +
pemohon+ "",noberkas="" + noberkas + "" + "where id="" + id + """;

    try {

        Statement stat = conn.createStatement();

        int res=stat.executeUpdate(sql);

    } catch (Exception e) {

        JOptionPane.showMessageDialog(null, "Update tabel loket gagal
karena " + e.getMessage());

    }

}

private void kirim(){

    Date skrg = new Date();

    DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd");

    String id = txtid.getText();

    String noberkas = txtnoberkas.getText();

    String pemohon = txtpemohon.getText();

    String prosedur = cbprosedur.getSelectedItem().toString();

    String bidang = txtbidang.getText();

    String desa = cbdesa.getSelectedItem().toString();

    String kec = cbkecamatan.getSelectedItem().toString();

    String di302 = txt302.getText();

    String luas1 = txtluas1.getText();

    String namaukur = ("");

    String status2 = ("1900-01-01");

    String sql = "insert into spk values (" + id + "," + noberkas + "," + pemohon + "," + prosedur + "," + bidang + "," + desa + "," + kec + "," + di302 + "," + luas1 + "," + namaukur + "," + status2 + ")";

    try {

        Statement stat = conn.createStatement();

        int res=stat.executeUpdate(sql);

    } catch (Exception e) {

```

```
JOptionPane.showMessageDialog(null, "Kirim data loket gagal  
karena " + e.getMessage());
```

```
}
```

```
}
```

```
private void log(){  
Date skrg = new Date();  
DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd");  
String id = txtid.getText();  
String noberkas = txtnoberkas.getText();  
String pemohon = txtpemohon.getText();  
String alamat = txtalamat.getText();  
String telpemohon = txttelepon.getText();  
String prosedur = cbprosedur.getSelectedItem().toString();  
String bidang = txtbidang.getText();  
String desa = cbdesa.getSelectedItem().toString();  
String kec = cbkecamatan.getSelectedItem().toString();  
String di301 = txt301.getText();  
String di302 = txt302.getText();  
String di303 = txt303.getText();  
String di305 = txt305.getText();  
String di307 = ("");  
String luas1 = txtluas1.getText();  
String luas2 = ("0");  
String biaya = txtbiaya.getText();  
String                                tglbayar                                =  
String.valueOf(dateFormat.format(dtpbayar.getDate()));  
String namaukur = ("");  
String nib = ("");  
String namadrawer = ("");
```

```

String peta = ("");
String status1 = dateFormat.format(skrng);
String status2 = ("1900-01-01");
String status3 = ("1900-01-01");
String status4 = ("1900-01-01");
String status5 = ("1900-01-01");
String status6 = ("1900-01-01");
String status7 = ("1900-01-01");
String status8 = ("1900-01-01");
String ket = ("Proses");

String sql = "insert into log values (" + id + "," + noberkas + "," + pemohon + "," +
alamat + "," + telpemohon + "," + prosedur + "," + bidang + "," +
+ desa + "," +
kec + "," + di301 + "," + di302 + "," + di303 + "," + di305 +
"," + di307 + "," +
luas1 + "," + luas2 + "," + biaya + "," + tglbayar + "," +
namaukur + "," + nib + "," +
namadrawer + "," + peta + "," + status1 + "," + status2 + "," +
status3 + "," + status4 + "," +
status5 + "," + status6 + "," + status7 + "," + status8 + "," + ket
+ ")";

try {
Statement stat = conn.createStatement();
int res=stat.executeUpdate(sql);
} catch (Exception e) {

JOptionPane.showMessageDialog(null, "Simpan tabel loket gagal
karena " + e.getMessage());
}
}

private void batal() {
txtid.setText("");

```

```

txtnoberkas.setText("");
txtpemohon.setText("");
txtalamat.setText("");
txttelepon.setText("");
cbprosedur.setSelectedIndex(0);
txtbidang.setText("");
cbdesa.setSelectedIndex(0);
cbkecamatan.setSelectedIndex(0);
txt301.setText("");
txt302.setText("");
txt303.setText("");
txt305.setText("");
txtluas1.setText("");
txtbiaya.setText("");
dtpbayar.setDate(null);
}

public static Date getTanggalFromTable(JTable table, int kolom){
    JTable tabel = table;
    String str_tgl =
String.valueOf(tabel.getValueAt(tabel.getSelectedRow(), kolom));
    Date tanggal = null;
    try {
        tanggal = new SimpleDateFormat("yyyy-MM-dd").parse(str_tgl);
    } catch (ParseException ex) {

Logger.getLogger(TableDate.class.getName()).log(Level.SEVERE, null,
ex);
    }
    return tanggal;
}

```

6. Panel Tambah User

```
package sipengukuran.form;
import com.jtattoo.plaf.mcwin.McWinLookAndFeel;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.UIManager;
import javax.swing.UnsupportedLookAndFeelException;
import javax.swing.table.DefaultTableModel;
/**
 *
 * @author tematik
 */
public class PnlTambahUser extends javax.swing.JFrame {
    /**
     * Creates new form PnlTambahUser
     */
    public PnlTambahUser() {
        initComponents();
        tampil_usertype();
        select();
    }
    public Connection conn;
    public void koneksi() throws SQLException {
```



```

try
{
    conn=null;
    Class.forName("com.mysql.jdbc.Driver");
    conn
    DriverManager.getConnection("jdbc:mysql://localhost:3306/spp", "root",
"admin");
}
catch (ClassNotFoundException ex)
{
    Logger.getLogger(PnlTambahUser.class.getName()).log(Level.SEVERE,
null, ex);
}
catch (SQLException e)
{
    Logger.getLogger(PnlTambahUser.class.getName()).log(Level.SEVERE,
null, e);
}
catch (Exception es)
{
    Logger.getLogger(PnlTambahUser.class.getName()).log(Level.SEVERE,
null, es);
}
}
/**
 * Creates new form ComboBox
 */
private void tampil_usertype() {
    //jComboBox1.addItem("");
    try {
        koneksi();
        String sql = "select usertype from tipeuser";
    }
}

```

```

Statement stat = conn.createStatement();
ResultSet res=stat.executeQuery(sql);
while (res.next()) {
    cblevel.addItem(res.getString(1));
}
} catch (Exception e) {
}
}

private void select() {
    Object header[] = {"UserName", "Password", "Level", "Nama",
"Alamat", "Telepon"};
    DefaultTableModel dtm = new DefaultTableModel(null, header);
    tabeluser.setModel(dtm);
    String sql = "select * from user";
    try {
        Statement stat = conn.createStatement();
        ResultSet res=stat.executeQuery(sql);
        while (res.next()){
            String kolom1 = res.getString(1);
            String kolom2 = res.getString(2);
            String kolom3 = res.getString(3);
            String kolom4 = res.getString(4);
            String kolom5 = res.getString(5);
            String kolom6 = res.getString(6);
            String kolom [] = {kolom1, kolom2, kolom3, kolom4, kolom5,
kolom6};
            dtm.addRow(kolom);
        }
    } catch (Exception e) {

```

```
        JOptionPane.showMessageDialog (null, "Tabel User gagal  
ditampilkan karena " + e.getMessage());
```

```
    }
```

```
}
```

```
private void simpan(){
```

```
String username = txtusername.getText();
```

```
String password = txtpassword.getText();
```

```
String level = cblevel.getSelectedItem().toString();
```

```
String nama = txtnama.getText();
```

```
String alamat = txtalamat.getText();
```

```
String no_telp = txttelepon.getText();
```

```
String sql = "insert into user values (" + username + "," + password +  
", " + level + "," + nama + "," + alamat + "," + no_telp + ")";
```

```
try {
```

```
    Statement stat = conn.createStatement();
```

```
    int res=stat.executeUpdate(sql);
```

```
} catch (Exception e) {
```

```
    JOptionPane.showMessageDialog(null, "Simpan tabel user gagal  
karena " + e.getMessage());
```

```
}
```

```
}
```

```
private void hapus() {
```

```
String username = txtusername.getText();
```

```
String sql = "delete from user where username='" + username + "'";
```

```
try {
```

```
    Statement stat = conn.createStatement();
```

```
    int res=stat.executeUpdate(sql);
```

```
} catch (Exception e) {
```

```
    JOptionPane.showMessageDialog(null, "Hapus pada tabel user  
gagal karena " + e.getMessage());
```

```

    }
}
private void reset() {
    String username = txtusername.getText();
    String password = txtpassword.getText();
    String level = cblevel.getSelectedItem().toString();
    String nama = txtnama.getText();
    String alamat = txtalamat.getText();
    String no_telp = txttelepon.getText();

    String sql = "update user set password='" + password + "',level='" +
level + "',nama='" + nama + "',alamat='" + alamat + "',no_telp='" + no_telp
+ "'" + "where username='" + username + "'";

    try {
        Statement stat = conn.createStatement();
        int res=stat.executeUpdate(sql);
    } catch (Exception e) {
        JOptionPane.showMessageDialog(null, "Update tabel user gagal
karena " + e.getMessage());
    }
}

private void clear() {
    txtusername.setText("");
    txtpassword.setText("");
    cblevel.setSelectedIndex(0);
    txtnama.setText("");
    txtalamat.setText("");
    txttelepon.setText("");
}

```