**LAMPIRAN**

```java
/*
 * To change this template, choose Tools | Templates
 * and open the template in the editor.
 */
package id.ac.muhammadiyah.apotekrs.view;


import id.ac.muhammadiyah.apotekrs.ApotekRS;

import id.ac.muhammadiyah.apotekrs.entity.Distributor;

import id.ac.muhammadiyah.apotekrs.entity.Karyawan;

import id.ac.muhammadiyah.apotekrs.entity.Obat;

import id.ac.muhammadiyah.apotekrs.entity.Pelanggan;

import id.ac.muhammadiyah.apotekrs.entity.PembayaranHutang;

import id.ac.muhammadiyah.apotekrs.entity.PembelianObat;

import id.ac.muhammadiyah.apotekrs.entity.PenjualanObatApotek;

import id.ac.muhammadiyah.apotekrs.entity.PenjualanObatRacikan;

import id.ac.muhammadiyah.apotekrs.model.biayaTableModel;

import id.ac.muhammadiyah.apotekrs.model.distributorTableModel;

import id.ac.muhammadiyah.apotekrs.model.dokterTableModel;

import id.ac.muhammadiyah.apotekrs.model.karyawanTableModel;

import id.ac.muhammadiyah.apotekrs.model.obatTableModel;

import id.ac.muhammadiyah.apotekrs.model.pembayaranHutangTableModel1;

import id.ac.muhammadiyah.apotekrs.view.pertolongan.panelBahasaProgram;
```

*import id.ac.muhammadiyah.apotekrs.view.pertolongan.panelCaraPemakaianProgram;*

*import id.ac.muhammadiyah.apotekrs.view.pertolongan.panelDatabaseProgram;*

*import id.ac.muhammadiyah.apotekrs.view.pertolongan.panelProfilPembuat;*

*import id.ac.muhammadiyah.apotekrs.view.pertolongan.panelUniversitasPembuat;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.lapPembBerdasarkanBarang;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.lapPembBerdasarkanJumlah;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.lapPenjObatApotekBerdDiskon;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelGraphPenjualanObatApotek;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelGraphPenjualanObatRacikan;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelHutangKepadaDistributor;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelLapDistributor;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelLapPenjualanObatRacikan;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelLaporanPembHutang;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelObat;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelPelanggan;*

*import id.ac.muhammadiyah.apotekrs.view.tampilanLap.panelPenjualanBerdasarkanBarang;*

*import id.ac.muhammadiyah.apotekrs.view.transaksi.transPembayaranHutang;*

*import id.ac.muhammadiyah.apotekrs.view.transaksi.transPembelianObat;*

*import id.ac.muhammadiyah.apotekrs.view.transaksi.transPenerimaanPiutang2;*

*import id.ac.muhammadiyah.apotekrs.view.transaksi.transPenjualanObatApotek;*

*import id.ac.muhammadiyah.apotekrs.view.transaksi.transPenjualanObatRacikan;*

*import java.awt.BorderLayout;*

*import java.awt.Cursor;*

*import java.awt.Dimension;*

*import java.awt.Toolkit;*

*import java.io.IOException;*

*import java.io.InputStream;*

*import java.sql.Connection;*

*import java.sql.DriverManager;*

*import java.sql.SQLException;*

*import java.util.Calendar;*

*import java.util.GregorianCalendar;*

*import java.util.HashMap;*

*import java.util.Map;*

*import java.util.logging.Level;*

*import java.util.logging.Logger;*

*import javax.persistence.EntityManager;*

```java
import javax.swing.JFrame;

import javax.swing.JOptionPane;

import javax.swing.JTabbedPane;

import net.sf.jasperreports.engine.JRException;

import net.sf.jasperreports.engine.JasperFillManager;

import net.sf.jasperreports.engine.JasperPrint;

import net.sf.jasperreports.swing.JRViewer;

/**
 *
 * @author dell
 */
public class utama extends javax.swing.JFrame {

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


    private static Karyawan kar;


    static void setKaryawan(Karyawan karyawan) {

        kar = karyawan; //To change body of generated methods, choose Tools |
Templates.

    }

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

    private dataObat obat;

    private final dataProdusen produsen;

    private final dataPelanggan pelanggan;
```

```java
    private final dataBiaya biaya;

    private final dataDistributor distributor;

    private final dataKaryawan karyawan;

    private final dataKas kas;

    private final dataDokter dokter;

    transPembelianObat pembelianObat = new transPembelianObat();

    transPenjualanObatApotek          penjualanObatApotek          =          new
transPenjualanObatApotek();

//                transPenjualanObatRacikan    penjualanObatRacikan    =    new
transPenjualanObatRacikan();

    transPembayaranHutang pembayaranHutang = new transPembayaranHutang();

    private final transPenerimaanPiutang2 penerimaanPiutang;

    transPenjualanObatRacikan          tranpenjualanobatracikan          =          new
transPenjualanObatRacikan() ;

    private final panelProfilPembuat profilPembuat;

    private final panelUniversitasPembuat universitasPembuat;

    private final panelBahasaProgram bahasaProgam;

    private final panelDatabaseProgram databaseProgram;

    private final panelCaraPemakaianProgram caraPemakaianProgram;

    private lapPembBerdasarkanJumlah lapPembelianBerdsDistributor;

    private lapPenjObatApotekBerdDiskon penjObatApotekBerdPelanggan;

    private panelObat obat1;

    dialogBackUp backUp = new dialogBackUp(this, true);

    private boolean logi;
```

```java
private final EntityManager em;

int timeRun = 0;

private int admin;

private int kariawan;

private final pembayaranHutangTableModel1 hutangTableModel1;

private final dokterTableModel Model;

private final biayaTableModel modelBiaya;

private final distributorTableModel modelDistributor;

private final karyawanTableModel ModelKaryawan;

private final obatTableModel modelObat;

private final lapPembBerdasarkanJumlah lapPembBerdasarkanJumlah;

private lapPembBerdasarkanBarang pembBerdasarkanBarang;

private Obat obate;

private JasperPrint jasperPrint;

private PenjualanObatApotek penjObatApotek;

private panelGraphPenjualanObatApotek panlGpr;

private PenjualanObatRacikan penjObatRacikan;

private panelGraphPenjualanObatRacikan panlGraphPenjualanObatRacikan;

private panelObat obatLaporan;

private Pelanggan pelang;

private panelPelanggan pPelanggan;

private PembelianObat pemb;

//private panelLaporanPenjualanObat laporanPenjualanObat;

private PenjualanObatRacikan PenjObatCacikan;
```

```java
private panelLapPenjualanObatRacikan lapPenjObatRacikan;

private panelPenjualanBerdasarkanBarang panlPenBerdBarang;

private PembayaranHutang pembHutang;

private panelLaporanPembHutang panlLapPemHutang;

private Distributor distrib;

private panelLapDistributor panlLapDistributor;

private PembayaranHutang hutang;

private panelHutangKepadaDistributor pHutang;
/**
 * Creates new form utama
 */
public utama() {

    initComponents();

    // setAuthentification(false);

    em = ApotekRS.getEntityManager();

    setSize((int) dimension.getWidth() - 50, (int) dimension.getHeight() - 100);

    setLocationRelativeTo(null);

    pPelanggan = new panelPelanggan();

    penjObatApotek = new PenjualanObatApotek();


    obat = new dataObat();

    produsen = new dataProdusen();

    pelanggan = new dataPelanggan();

    biaya = new dataBiaya();
```

```
distributor = new dataDistributor();

karyawan = new dataKaryawan();

kas = new dataKas();

dokter = new dataDokter();

penerimaanPiutang = new transPenerimaanPiutang2();

lapPembBerdasarkanJumlah = new lapPembBerdasarkanJumlah();

penjObatApotekBerdPelanggan = new lapPenjObatApotekBerdDiskon();

pembBerdasarkanBarang = new lapPembBerdasarkanBarang();

obat1 = new panelObat();

profilPembuat = new panelProfilPembuat();

universitasPembuat = new panelUniversitasPembuat();

bahasaProgam = new panelBahasaProgram();

databaseProgram = new panelDatabaseProgram();

caraPemakaianProgram = new panelCaraPemakaianProgram();

dialogPertolongan.setModal(true);

dialogPertolongan.pack();

dialogLogin.setModal(true);

dialogLogin.pack();

hutangTableModel1 = new pembayaranHutangTableModel1();

Model = new dokterTableModel();

modelBiaya = new biayaTableModel();

modelDistributor = new distributorTableModel();

ModelKaryawan = new karyawanTableModel();

modelObat = new obatTableModel();
```

```java
        obatLaporan = new panelObat();

        pemb = new PembelianObat();

//      laporanPenjualanObat = new panelLaporanPenjualanObat();

        lapPenjObatRacikan = new panelLapPenjualanObatRacikan();

        panlPenBerdBarang = new panelPenjualanBerdasarkanBarang();

        panlLapPemHutang = new panelLaporanPembHutang();

        panlLapDistributor = new panelLapDistributor();

        pHutang = new panelHutangKepadaDistributor();

//      transpenjualanobatracikan = new transPenjualanObatRacikan();


        new Thread() {

            public void run() {

                while (timeRun == 0) {

                    Calendar c = new GregorianCalendar();


                    int hour = c.get(Calendar.HOUR);

                    int min = c.get(Calendar.MINUTE);

                    int sec = c.get(Calendar.SECOND);

                    int AM_PM = c.get(Calendar.AM_PM);

                    String day_night = "";


                    if (AM_PM == 1) {

                        day_night = "PM";

                    } else {
```

```java
            day_night = "AM";

        }

        String time = hour + " : " + min + " : " + sec + " " + day_night;

        clock.setText(time);

      }

    }

  }.start();

}


/**

 * 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">

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

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

      mniDataObatActionPerformed(evt);

    }

  });

  mnuMasterData.add(mniDataObat);


  mniDataPelanggan.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.ev
```

```java
ent.KeyEvent.VK_G,                java.awt.event.InputEvent.ALT_MASK                |

java.awt.event.InputEvent.CTRL_MASK));

    mniDataPelanggan.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/group.png"))); // NOI18N

    mniDataPelanggan.setText("Data Pelanggan");

    mniDataPelanggan.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

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

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

        mniDataPelangganActionPerformed(evt);

      }

    });

    mnuMasterData.add(mniDataPelanggan);


    mniDataDistributor.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.ev

ent.KeyEvent.VK_D,                java.awt.event.InputEvent.ALT_MASK                |

java.awt.event.InputEvent.CTRL_MASK));

    mniDataDistributor.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/user_go.png"))); // NOI18N

    mniDataDistributor.setText("Data Distributor");

    mniDataDistributor.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
```

```java
        mniDataDistributor.addActionListener(new java.awt.event.ActionListener() {

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

                mniDataDistributorActionPerformed(evt);

            }

        });

        mnuMasterData.add(mniDataDistributor);




        mniDataProdusen.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.eve

nt.KeyEvent.VK_P,                java.awt.event.InputEvent.ALT_MASK                |

java.awt.event.InputEvent.CTRL_MASK));

        mniDataProdusen.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/user_suit.png"))); // NOI18N

        mniDataProdusen.setText("Data Produsen");

        mniDataProdusen.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

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

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

                mniDataProdusenActionPerformed(evt);

            }

        });

        mnuMasterData.add(mniDataProdusen);

mniDataKaryawan.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.eve
```

```java
nt.KeyEvent.VK_K,                java.awt.event.InputEvent.ALT_MASK                |
java.awt.event.InputEvent.CTRL_MASK));
        mniDataKaryawan.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/user_gray.png"))); // NOI18N
        mniDataKaryawan.setText("Data Karyawan");
        mniDataKaryawan.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        mniDataKaryawan.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniDataKaryawanActionPerformed(evt);
            }
        });
        mnuMasterData.add(mniDataKaryawan);

        mniDataDokter.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.
KeyEvent.VK_T,                  java.awt.event.InputEvent.ALT_MASK                |
java.awt.event.InputEvent.CTRL_MASK));
        mniDataDokter.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/status_online.png"))); // NOI18N
        mniDataDokter.setText("Data Dokter");
        mniDataDokter.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
```

```java
mniDataDokter.addActionListener(new java.awt.event.ActionListener() {

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

        mniDataDokterActionPerformed(evt);

    }

});

mnuMasterData.add(mniDataDokter);

mniDataKhas.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.Ke

yEvent.VK_S,                    java.awt.event.InputEvent.ALT_MASK                    |

java.awt.event.InputEvent.CTRL_MASK));

mniDataKhas.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/page_edit.png"))); // NOI18N

mniDataKhas.setText("Data Kas");

mniDataKhas.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

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

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

        mniDataKhasActionPerformed(evt);

    }

});

mnuMasterData.add(mniDataKhas);


mniDataBiaya.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.K
```

```java
eyEvent.VK_B,                java.awt.event.InputEvent.ALT_MASK              |

java.awt.event.InputEvent.CTRL_MASK));

    mniDataBiaya.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/map.png"))); // NOI18N

    mniDataBiaya.setText("Data Biaya");

    mniDataBiaya.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

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

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

            mniDataBiayaActionPerformed(evt);

        }

    });

    mnuMasterData.add(mniDataBiaya);

    agMenuBar1.add(mnuMasterData);

    mnuTransaksi.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/time_go.png"))); // NOI18N

    mnuTransaksi.setText("Transaksi");

    mnuTransaksi.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

    mnuTransaksi.setEnabled(false);
```

```java
        mniPembelianObat.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/cart.png"))); // NOI18N
        mniPembelianObat.setText("Pembelian Obat");
        mniPembelianObat.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        mniPembelianObat.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniPembelianObatActionPerformed(evt);
            }
        });
        mnuTransaksi.add(mniPembelianObat);
        mniPenjualanObatApotek.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/cart.png"))); // NOI18N
        mniPenjualanObatApotek.setText("Penjualan Obat Apotek");
        mniPenjualanObatApotek.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        mniPenjualanObatApotek.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniPenjualanObatApotekActionPerformed(evt);
            }
        });
```

```java
        mnuTransaksi.add(mniPenjualanObatApotek);

        mniPenjualanObatRacikan.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/cart.png"))); // NOI18N

        mniPenjualanObatRacikan.setText("Penjualan Obat Racikan");

        mniPenjualanObatRacikan.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

        mniPenjualanObatRacikan.addActionListener(new

java.awt.event.ActionListener() {

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

                mniPenjualanObatRacikanActionPerformed(evt);

            }

        });

        mnuTransaksi.add(mniPenjualanObatRacikan);

        mniPembayaranHutang.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/cart.png"))); // NOI18N

        mniPembayaranHutang.setText("Pembayaran Hutang");

        mniPembayaranHutang.setCursor(new

java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

        mniPembayaranHutang.addActionListener(new  java.awt.event.ActionListener()

{

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

                mniPembayaranHutangActionPerformed(evt);
```

```java
        }

    });

    mnuTransaksi.add(mniPembayaranHutang);

    mniPenerimaanPiutang.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/cart.png"))); // NOI18N

    mniPenerimaanPiutang.setText("Penerimaan Piutang");

    mniPenerimaanPiutang.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

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

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

            mniPenerimaanPiutangActionPerformed(evt);

        }

    });

    mnuTransaksi.add(mniPenerimaanPiutang);

    agMenuBar1.add(mnuTransaksi);

    mnuBackOffice.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/brick.png"))); // NOI18N

    mnuBackOffice.setText("Back Office");

    mnuBackOffice.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));

    mnuBackOffice.setEnabled(false);
```

```java
        mniNotepat2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/text_align_justify.png"))); // NOI18N
        mniNotepat2.setText("Notepat");
        mniNotepat2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniNotepat2ActionPerformed(evt);
            }
        });
        mnuBackOffice.add(mniNotepat2);


        mniKalkolator.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/calculator.png"))); // NOI18N
        mniKalkolator.setText("Kalkulator");
        mniKalkolator.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniKalkolatorActionPerformed(evt);
            }
        });
        mnuBackOffice.add(mniKalkolator);
        agMenuBar1.add(mnuBackOffice);
```

```java
        mnuLaporan.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/report_disk.png"))); // NOI18N
        mnuLaporan.setText("Laporan");
        mnuLaporan.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        mnuLaporan.setEnabled(false);
        mnuLaporan.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mnuLaporanActionPerformed(evt);
            }
        });
        mniLapObat.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/report.png"))); // NOI18N
        mniLapObat.setText("Laporan Obat");
        mniLapObat.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniLapObatActionPerformed(evt);
            }
        });
        mnuLaporan.add(mniLapObat);
```

```java
        mniLaporanPembelianBerdasarkan.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/report.png"))); // NOI18N
        mniLaporanPembelianBerdasarkan.setText("Laporan Pembelian ");
        mniLaporanPembelianBerdasarkan.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        mniLaporanPembelianBerdasarkan.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniLaporanPembelianBerdasarkanActionPerformed(evt);
            }
        });
        mnuLaporan.add(mniLaporanPembelianBerdasarkan);
        mniLaporanPelanggan.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/report.png"))); // NOI18N
        mniLaporanPelanggan.setText("Laporan Pelanggan Berdasarkan Kode");
        mniLaporanPelanggan.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        mniLaporanPelanggan.addActionListener(new   java.awt.event.ActionListener()
{
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mniLaporanPelangganActionPerformed(evt);
            }
```

```
        });

        mnuLaporan.add(mniLaporanPelanggan);

        mniLapPenjualanRacikan.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/report.png"))); // NOI18N

        mniLapPenjualanRacikan.setText("Laporan Penjualan Obat Racikan");

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

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

                mniLapPenjualanRacikanActionPerformed(evt);

            }

        });

        mnuLaporan.add(mniLapPenjualanRacikan);

        mniLaporanPembayaranHutang.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie
w/res/icons/report.png"))); // NOI18N

        mniLaporanPembayaranHutang.setText("Laporan Pembayaran Hutang");

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

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

                mniLaporanPembayaranHutangActionPerformed(evt);

            }

        });

        mnuLaporan.add(mniLaporanPembayaranHutang);
```

```
    mniLapDistributor.setIcon(new

javax.swing.ImageIcon(getClass().getResource("/id/ac/muhammadiyah/apotekrs/vie

w/res/icons/report.png"))); // NOI18N

    mniLapDistributor.setText("Laporan Distributor");

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

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

            mniLapDistributorActionPerformed(evt);

        }

    });

    mnuLaporan.add(mniLapDistributor);

    agMenuBar1.add(mnuLaporan);

    setJMenuBar(agMenuBar1);

    javax.swing.GroupLayout          layout          =          new

javax.swing.GroupLayout(getContentPane());

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

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

        .addGroup(layout.createSequentialGroup()

            .addComponent(jPanel1,      javax.swing.GroupLayout.DEFAULT_SIZE,

javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addGap(0, 0, 0))

    );

    layout.setVerticalGroup(

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

```
        .addComponent(jPanel1,          javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );


        pack();
    }// </editor-fold>
    private void mniDataObatActionPerformed(java.awt.event.ActionEvent evt) {
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        jTabbedPane1.add("Master Data Obat", obat);
        jTabbedPane1.setSelectedComponent(obat);
        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
    }
    private void mniDataPelangganActionPerformed(java.awt.event.ActionEvent evt)
{
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        jTabbedPane1.add("Master Data Pelanggan", pelanggan);
        jTabbedPane1.setSelectedComponent(pelanggan);
        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
    }
    private void mniDataDistributorActionPerformed(java.awt.event.ActionEvent evt)
{
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        jTabbedPane1.add("Master Data Distributor", distributor);
        jTabbedPane1.setSelectedComponent(distributor);
```

```java
        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
    }
    private void mniDataProdusenActionPerformed(java.awt.event.ActionEvent evt) {
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        jTabbedPane1.add("Master Data Produsen", produsen);
        jTabbedPane1.setSelectedComponent(produsen);
        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
    }
    private void mniDataKaryawanActionPerformed(java.awt.event.ActionEvent evt)
{
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        jTabbedPane1.add("Master Data Karyawan", karyawan);
        jTabbedPane1.setSelectedComponent(karyawan);
        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
    }
    private void mniDataDokterActionPerformed(java.awt.event.ActionEvent evt) {
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        jTabbedPane1.add("Master Data Dokter", dokter);
        jTabbedPane1.setSelectedComponent(dokter);
        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
    }
    private void mniDataKhasActionPerformed(java.awt.event.ActionEvent evt) {
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        jTabbedPane1.add("Master Data Kas", kas);
```

```java
        jTabbedPane1.setSelectedComponent(kas);

        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

    }
    private void mniDataBiayaActionPerformed(java.awt.event.ActionEvent evt) {

        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

        jTabbedPane1.add("Master Data Biaya", biaya);

        jTabbedPane1.setSelectedComponent(biaya);

        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

    }
    private void mniPembelianObatActionPerformed(java.awt.event.ActionEvent evt)
{

        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

        pembelianObat.setSize((int)     dimension.getWidth()     -     70,     (int)
dimension.getHeight() - 140);

        pembelianObat.setVisible(true);

        pembelianObat.setLocationRelativeTo(this);

        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

    }
    private                                                                    void
mniPenjualanObatApotekActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:

        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

        penjualanObatApotek.setSize((int)     dimension.getWidth()     -     70,     (int)
dimension.getHeight() - 140);
```

```java
        penjualanObatApotek.setVisible(true);

        penjualanObatApotek.setLocationRelativeTo(this);

        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

    }

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

        transpenjualanobatracikan = new transPenjualanObatRacikan();

        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

        tranpenjualanobatracikan.setSize((int)   dimension.getWidth()   -   70,   (int)
dimension.getHeight() - 140);

        tranpenjualanobatracikan.setVisible(true);

        tranpenjualanobatracikan.setLocationRelativeTo(this);

        //transpenjualanobatracikan.setSize((int)dimension.getHeight()        -        50,
(int)dimension.getWidth() - 100);

        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));


    }

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

        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

        jTabbedPane1.add("Transaksi Pembayaran Hutang", pembayaranHutang);

        jTabbedPane1.setSelectedComponent(pembayaranHutang);

        setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

    }
```

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

    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    jTabbedPane1.add("Transaksi Penerimaan Piutang", penerimaanPiutang);

    jTabbedPane1.setSelectedComponent(penerimaanPiutang);

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

  }

  private void jLabel1MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    dialogPertolongan.setSize((int)dimension.getWidth()        -        50,
(int)dimension.getHeight() - 100);

    dialogPertolongan.setLocationRelativeTo(this);

    dialogPertolongan.setVisible(true);

  }

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

    // TODO add your handling code here:

    int i = treePertolongan.getLeadSelectionRow();

    if (i == 0) {

    } else if (i == 1) {

      //jTabbedPane2.add("Universitas", universitasPembuat);

    } else if (i == 2) {

      jTabbedPane2.add("Profil", profilPembuat);

      jTabbedPane2.setSelectedComponent(profilPembuat);
```

```java
        } else if (i == 3) {

            jTabbedPane2.add("Universitas", universitasPembuat);

            jTabbedPane2.setSelectedComponent(universitasPembuat);

        } else if (i == 4) {

        } else if (i == 5) {

            jTabbedPane2.add("Bahasa Program", bahasaProgam);

            jTabbedPane2.setSelectedComponent(bahasaProgam);

        } else if (i == 6) {

            jTabbedPane2.add("Database Program", databaseProgram);

            jTabbedPane2.setSelectedComponent(databaseProgram);

        } else if (i == 7) {

        } else if (i == 8) {

            jTabbedPane2.add("Cara Penggunaan Aplikasi", caraPemakaianProgram);

            jTabbedPane2.setSelectedComponent(caraPemakaianProgram);

        }

    }

    private void jLabel3MouseClicked(java.awt.event.MouseEvent evt) {

        // TODO add your handling code here:

        kazaoCalendarDialog1.setVisible(true);

    }

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

        // TODO add your handling code here:

        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

        if (lPenjualan.isEnabled()) {
```

```java
        penjualanObatApotek.setSize((int)    dimension.getWidth()  -  70,   (int)
dimension.getHeight() - 140);

        penjualanObatApotek.setVisible(true);

        penjualanObatApotek.setLocationRelativeTo(this);

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

}

private void jPanel2MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    dialogPertolongan.setLocationRelativeTo(this);

    dialogPertolongan.setVisible(true);

}

private void jPanel2MouseEntered(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

}

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

    // TODO add your handling code here:

    if (lLogout.isEnabled()) {

        JOptionPane.showMessageDialog(this,     "Silahkan    Logout    Terlebih
Dahulu.");

    } else {

        if (JOptionPane.showConfirmDialog(this, "Anda yakin ingin keluar dari
aplikasi?",      "KONFIRMASI",      JOptionPane.OK_CANCEL_OPTION)      ==
JOptionPane.OK_OPTION) {
```

```java
        System.exit(0);

    }

}

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

    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

        // TODO add your handling code here:

        Runtime.getRuntime().exec("explorer.exe");

    } catch (IOException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

}

private void jPanel11MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

}

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

    // TODO add your handling code here:

    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

        // TODO add your handling code here:

        Runtime.getRuntime().exec("Notepad.exe");

    } catch (IOException ex) {
```

```java
        Logger.getLogger(utama.class.getName()).log(Level.SEVERE, null, ex);
    }
    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
    // tCari.setText("Nama Karyawan");
}
private void lCmdMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
    try {
        // TODO add your handling code here:
        Runtime.getRuntime().exec("mspaint.exe");
    } catch (IOException ex) {
        Logger.getLogger(utama.class.getName()).log(Level.SEVERE, null, ex);
    }
    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
}
private void jPanel13MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
}
private void jPanel14MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
}
private void lPenjualanMouseEntered(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
```

```java
    }
    private void lLoginMouseClicked(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        if (lLogin.isEnabled()) {
            dialogLogin.setLocationRelativeTo(this);
            dialogLogin.setVisible(true);
        }
    }
    private void bLoginActionPerformed(java.awt.event.ActionEvent evt) {
        if (tUsername.getText().equals("eka") && tPass.getText().equals("eka")) {
            Karyawan kAdmin = em.createQuery("SELECT k FROM Karyawan k WHERE k.username = :username AND k.password = :password ", Karyawan.class).setParameter("username", tUsername.getText()).setParameter("password", String.copyValueOf(tPass.getPassword(), 0, tPass.getPassword().length)).getSingleResult();
            JOptionPane.showMessageDialog(this, "Anda adalah Admin.\n silahkan menggunakan seluruh komponen yang tersedia.");
            utama.setKaryawan(kAdmin);
            komponen(true);
            dialogLogin.setVisible(false);
            labelLogin(false, true);
        } else {
```

```java
        Karyawan kAdmin = em.createQuery("SELECT k FROM Karyawan k
WHERE k.username = :username AND k.password = :password ",
Karyawan.class).setParameter("username",
tUsername.getText()).setParameter("password",
String.copyValueOf(tPass.getPassword(),                              0,
tPass.getPassword().length)).getSingleResult();

        utama.setKaryawan(kAdmin);

        komponen(true);

        dialogLogin.setVisible(false);

        labelLogin(false, true);

        mnuBackOffice.setEnabled(true);

        JOptionPane.showMessageDialog(this, "Anda adalah user/pengguna \n
silahkan memakai aplikasi ini. \n Anda tidak di perkenankan untuk membuka daftar
karyawan");

        mniDataKaryawan.setEnabled(false);

    }

  }

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

    // TODO add your handling code here:

//     login = new dialogLogin(null, true);

    komponen(false);

    kosongkanDataLogin();

    dialogLogin.setVisible(false);

    labelLogin(true, false);
```

```java
        // mnuFile.setEnabled(true);

    }

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

        // TODO add your handling code here

        if (lLogout.isEnabled()) {

            if (JOptionPane.showConfirmDialog(this, "Yakin ingin Logout?",
"Konfirmasi", JOptionPane.OK_CANCEL_OPTION) ==
JOptionPane.OK_OPTION) {

                setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

                // JOptionPane.showConfirmDialog(this, "Yakin ingin Logout?",
"Konfirmasi", Jo);

                jTabbedPane1.remove(obat);

                jTabbedPane1.remove(pelanggan);

                jTabbedPane1.remove(distributor);

                jTabbedPane1.remove(produsen);

                jTabbedPane1.remove(karyawan);

                jTabbedPane1.remove(dokter);

                jTabbedPane1.remove(biaya);

                jTabbedPane1.remove(kas);

                jTabbedPane1.remove(pembayaranHutang);

                jTabbedPane1.remove(penerimaanPiutang);

                jTabbedPane1.remove(lapPembBerdasarkanJumlah);

                jTabbedPane1.remove(lapPembelianBerdsDistributor);

                komponen(false);
```

```java
            lLogin.setEnabled(true);

            lLogout.setEnabled(false);

            kosongkanDataLogin();

            dialogLogin.setVisible(true);

            panlLapDistributor.setVisible(false);

            panlLapPemHutang.setVisible(false);

            panlPenBerdBarang.setVisible(false);


            tranpenjualanobatracikan.setVisible(false);

            pembayaranHutang.setVisible(false);

            pembelianObat.setVisible(false);

            penerimaanPiutang.setVisible(false);

            penjualanObatApotek.setVisible(false);

            tranpenjualanobatracikan.setVisible(false);

            setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
        }
    }
    private void lRacikanMouseClicked(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        tranpenjualanobatracikan = new transPenjualanObatRacikan();
        tranpenjualanobatracikan.setSize((int)   dimension.getWidth()   -   70,   (int)
dimension.getHeight() - 140);
        tranpenjualanobatracikan.setLocationRelativeTo(this);
```

```java
    tranpenjualanobatracikan.setVisible(true);

}


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

    // TODO add your handling code here:

}

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

    // TODO add your handling code here:

    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

        // TODO add your handling code here:

        Runtime.getRuntime().exec("calc.exe");

    } catch (IOException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

}

private void jPanel15MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

}

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

    // TODO add your handling code here:

}
```

```java
    private                                                        void
mniLaporanPembelianBerdasarkanActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
        setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
        try {
            pemb = new PembelianObat();
            Map<String, Object> map = new HashMap<>();
            String                        src                        =
"id/ac/muhammadiyah/apotekrs/view/laporan/reportPembelian.jasper";
            InputStream                inputStream                =
this.getClass().getClassLoader().getResourceAsStream(src);
            JasperPrint jp;
            Class.forName("com.mysql.jdbc.Driver");
            Connection                connection                =
DriverManager.getConnection("jdbc:mysql://localhost:3306/apotek_rs",    "root",
null);
            jp = JasperFillManager.fillReport(inputStream, map, connection);
            JRViewer viewer = new JRViewer(jp);
            obatLaporan.removeAll();
            obatLaporan.add(viewer, BorderLayout.CENTER);
            obatLaporan.revalidate();
            JFrame frame = new JFrame();
            frame.setContentPane(obatLaporan);
```

```java
        frame.pack();

        frame.setVisible(true);

        frame.setSize((int)dimension.getWidth()-50  ,  (int)dimension.getHeight()-100
);

        //frame.setLocation((int)dimension.getWidth()/2-

        //(frame.getWidth()/2),(int)dimension.getHeight()/2-(frame.getHeight()/2));

        frame.setLocationRelativeTo(this);

    } catch (ClassNotFoundException | SQLException | JRException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

  }

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

    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

        // TODO add your handling code here:

        obate = new Obat();

        Map<String, Object> map = new HashMap<>();

        String                              src                              =
"id/ac/muhammadiyah/apotekrs/view/laporan/reportObat.jasper";

        InputStream                     inputStream                     =
this.getClass().getClassLoader().getResourceAsStream(src);

        JasperPrint jp;

        Class.forName("com.mysql.jdbc.Driver");
```

```java
        Connection                connection                =
DriverManager.getConnection("jdbc:mysql://localhost:3306/apotek_rs",        "root",
null);

        jp = JasperFillManager.fillReport(inputStream, map, connection);

    JRViewer viewer = new JRViewer(jp);

    obatLaporan.removeAll();

    obatLaporan.add(viewer, BorderLayout.CENTER);

    obatLaporan.revalidate();

    JFrame frame = new JFrame();

    frame.setContentPane(obatLaporan);

    frame.pack();

    frame.setVisible(true);

    frame.setSize((int)dimension.getWidth()-50 , (int)dimension.getHeight()-100
);

    //frame.setLocation((int)dimension.getWidth()/2-
    ///(frame.getWidth()/2),(int)dimension.getHeight()/2-(frame.getHeight()/2));

    frame.setLocationRelativeTo(this);
    } catch (ClassNotFoundException | SQLException | JRException ex) {
    Logger.getLogger(utama.class.getName()).log(Level.SEVERE, null, ex);
    }
    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));
  }
```

```java
private void
mniLapPenjualanRacikanActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
    try {
        // TODO add your handling code here:
        PenjObatCacikan = new PenjualanObatRacikan();
        Map<String, Object> map = new HashMap<>();
        String src =
"id/ac/muhammadiyah/apotekrs/view/laporan/reportPenjualanObatRacikan.jasper";
        InputStream inputStream =
this.getClass().getClassLoader().getResourceAsStream(src);
        JasperPrint jp;
        Class.forName("com.mysql.jdbc.Driver");
        Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost:3306/apotek_rs", "root",
null);
        jp = JasperFillManager.fillReport(inputStream, map, connection);
        JRViewer viewer = new JRViewer(jp);
        lapPenjObatRacikan.removeAll();
        lapPenjObatRacikan.add(viewer, BorderLayout.CENTER);
        lapPenjObatRacikan.revalidate();
        JFrame frame = new JFrame();
        frame.setContentPane(lapPenjObatRacikan);
```

```java
        frame.pack();

        frame.setVisible(true);

        frame.setSize((int)dimension.getWidth()-50 ,  (int)dimension.getHeight()-100
);

        //frame.setLocation((int)dimension.getWidth()/2-

        //(frame.getWidth()/2),(int)dimension.getHeight()/2-(frame.getHeight()/2));

        frame.setLocationRelativeTo(this);

    } catch (ClassNotFoundException | SQLException | JRException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

  }

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

    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

      // TODO add your handling code here:

      pelang = new Pelanggan();

      Map<String, Object> map = new HashMap<>();

      String                          src                          =
"id/ac/muhammadiyah/apotekrs/view/laporan/reportPelanggan.jasper";

      InputStream                      inputStream                      =
this.getClass().getClassLoader().getResourceAsStream(src);

      JasperPrint jp;
```

```java
        Class.forName("com.mysql.jdbc.Driver");

        Connection                    connection                    =
DriverManager.getConnection("jdbc:mysql://localhost:3306/apotek_rs",    "root",
null);

        jp = JasperFillManager.fillReport(inputStream, map, connection);

        JRViewer viewer = new JRViewer(jp);

        pPelanggan.removeAll();

        pPelanggan.add(viewer, BorderLayout.CENTER);

        pPelanggan.revalidate();

        JFrame frame = new JFrame();

        frame.setContentPane(pPelanggan);

        frame.pack();

        frame.setVisible(true);

        frame.setSize((int)dimension.getWidth()-50 ,  (int)dimension.getHeight()-100
);

        //frame.setLocation((int)dimension.getWidth()/2-

        //(frame.getWidth()/2),(int)dimension.getHeight()/2-(frame.getHeight()/2));

        frame.setLocationRelativeTo(this);

    } catch (ClassNotFoundException | SQLException | JRException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

  }

  private void mniNotepat2ActionPerformed(java.awt.event.ActionEvent evt) {
```

```java
    // TODO add your handling code here:

     setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

       // TODO add your handling code here:

       Runtime.getRuntime().exec("Notepad.exe");

    } catch (IOException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

  }

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

    // TODO add your handling code here:

     setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

       // TODO add your handling code here:

       Runtime.getRuntime().exec("calc.exe");

    } catch (IOException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

  }

  private                                                              void

mniLaporanPembayaranHutangActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:
```

```java
setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

try {

    pembHutang = new PembayaranHutang();

    Map<String, Object> map = new HashMap<>();

    String                          src                          =
"id/ac/muhammadiyah/apotekrs/view/laporan/reportPembayaranHutang.jasper";

    InputStream                    inputStream                    =
this.getClass().getClassLoader().getResourceAsStream(src);

    JasperPrint jp;

    Class.forName("com.mysql.jdbc.Driver");

    Connection                    connection                    =
DriverManager.getConnection("jdbc:mysql://localhost:3306/apotek_rs",    "root",
null);

    jp = JasperFillManager.fillReport(inputStream, map, connection);

    JRViewer viewer = new JRViewer(jp);

    panlLapPemHutang.removeAll();

    panlLapPemHutang.add(viewer, BorderLayout.CENTER);

    panlLapPemHutang.revalidate();

    JFrame frame = new JFrame();

    frame.setContentPane(panlLapPemHutang);

    frame.pack();

    frame.setVisible(true);

    frame.setSize((int)dimension.getWidth()-50 ,  (int)dimension.getHeight()-100
);
```

```java
    // frame.setLocation((int)dimension.getWidth()/2-

    //(frame.getWidth()/2),(int)dimension.getHeight()/2-(frame.getHeight()/2));

    frame.setLocationRelativeTo(this);

} catch (ClassNotFoundException | SQLException | JRException ex) {

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

}

setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

}

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

    // TODO add your handling code here:

    setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));

    try {

        distrib = new Distributor();

        Map<String, Object> map = new HashMap<>();

        String                          src                          =
"id/ac/muhammadiyah/apotekrs/view/laporan/reportDistributor.jasper";

        InputStream                    inputStream                    =
this.getClass().getClassLoader().getResourceAsStream(src);

        JasperPrint jp;

        Class.forName("com.mysql.jdbc.Driver");

        Connection                  connection                  =
DriverManager.getConnection("jdbc:mysql://localhost:3306/apotek_rs",         "root",
null);

        jp = JasperFillManager.fillReport(inputStream, map, connection);
```

```java
        JRViewer viewer = new JRViewer(jp);

        panlLapDistributor.removeAll();

        panlLapDistributor.add(viewer, BorderLayout.CENTER);

        panlLapDistributor.revalidate();

        JFrame frame = new JFrame();

        frame.setContentPane(panlLapDistributor);

        frame.pack();

        frame.setVisible(true);

        frame.setSize((int)dimension.getWidth()-50 ,  (int)dimension.getHeight()-100
);

        // frame.setLocation((int)dimension.getWidth()/2-
        ///(frame.getWidth()/2),(int)dimension.getHeight()/2-(frame.getHeight()/2));

        frame.setLocationRelativeTo(this);

    } catch (ClassNotFoundException | SQLException | JRException ex) {

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

    }

    setCursor(Cursor.getPredefinedCursor(Cursor.DEFAULT_CURSOR));

}
/**

 * @param args the command line arguments

 */
// Variables declaration - do not modify

private maknyus.komponen.swing.AgMenuBar agMenuBar1;

private maknyus.komponen.swing.AgPanelGlass agPanelGlass1;
```

*private maknyus.komponen.swing.AgPanelGlass agPanelGlass2;*

*private maknyus.komponen.swing.AgPanelGlass agPanelGlass3;*

*private maknyus.komponen.swing.AgPanelGlass agPanelGlass4;*

*private maknyus.komponen.swing.AgPanelGlass agPanelGlass5;*

*private maknyus.komponen.swing.AgPanelGlass agPanelGlass6;*

*private maknyus.komponen.swing.AgPanelGlass agPanelGlass7;*

*private maknyus.komponen.swing.AgViewPort agViewPort1;*

*private maknyus.komponen.swing.AgButton bBatal;*

*private maknyus.komponen.swing.AgButton bLogin;*

*private javax.swing.JLabel clock;*

*private javax.swing.JDialog dialogLogin;*

*private javax.swing.JDialog dialogPertolongan;*

*private javax.swing.JLabel jLabel1;*

*private javax.swing.JLabel jLabel11;*

*private javax.swing.JLabel jLabel12;*

*private javax.swing.JLabel jLabel13;*

*private javax.swing.JLabel jLabel14;*

*private javax.swing.JLabel jLabel16;*

*private javax.swing.JLabel jLabel17;*

*private javax.swing.JLabel jLabel18;*

*private javax.swing.JLabel jLabel2;*

*private javax.swing.JLabel jLabel21;*

*private javax.swing.JLabel jLabel25;*

*private javax.swing.JLabel jLabel3;*

*private javax.swing.JLabel jLabel5;*

*private javax.swing.JLabel jLabel6;*

*private javax.swing.JLabel jLabel7;*

*private javax.swing.JPanel jPanel1;*

*private javax.swing.JPanel jPanel11;*

*private javax.swing.JPanel jPanel12;*

*private javax.swing.JPanel jPanel13;*

*private javax.swing.JPanel jPanel14;*

*private javax.swing.JPanel jPanel15;*

*private javax.swing.JPanel jPanel2;*

*private javax.swing.JPanel jPanel3;*

*private javax.swing.JPanel jPanel4;*

*private javax.swing.JPanel jPanel5;*

*private javax.swing.JPanel jPanel6;*

*private javax.swing.JPanel jPanel7;*

*private javax.swing.JPanel jPanel8;*

*private javax.swing.JScrollPane jScrollPane1;*

*private javax.swing.JPopupMenu.Separator jSeparator1;*

*private javax.swing.JPopupMenu.Separator jSeparator2;*

*private javax.swing.JTabbedPane jTabbedPane1;*

*private javax.swing.JTabbedPane jTabbedPane2;*

*private org.kazao.calendar.KazaoCalendarDialog kazaoCalendarDialog1;*

*private javax.swing.JLabel lCmd;*

*private javax.swing.JLabel lKalkulator;*

```java
private javax.swing.JLabel lLogin;

private javax.swing.JLabel lLogout;

private javax.swing.JLabel lPembHut;

private javax.swing.JLabel lPenjualan;

private javax.swing.JLabel lRacikan;

private javax.swing.JLabel lTombolNotepad;

private javax.swing.JLabel lUsername;

private javax.swing.JLabel lrefresh;

private javax.swing.JMenuItem mniDataBiaya;

private javax.swing.JMenuItem mniDataDistributor;

private javax.swing.JMenuItem mniDataDokter;

private javax.swing.JMenuItem mniDataKaryawan;

private javax.swing.JMenuItem mniDataKhas;

private javax.swing.JMenuItem mniDataObat;

private javax.swing.JMenuItem mniDataPelanggan;

private javax.swing.JMenuItem mniDataProdusen;

private javax.swing.JMenuItem mniKalkolator;

private javax.swing.JMenuItem mniKeluar;

private javax.swing.JMenuItem mniLapDistributor;

private javax.swing.JMenuItem mniLapObat;

private javax.swing.JMenuItem mniLapPenjualanRacikan;

private javax.swing.JMenuItem mniLaporanPelanggan;

private javax.swing.JMenuItem mniLaporanPembayaranHutang;

private javax.swing.JMenuItem mniLaporanPembelianBerdasarkan;
```

```java
    private javax.swing.JMenuItem mniNotepat2;

    private javax.swing.JMenuItem mniPembayaranHutang;

    private javax.swing.JMenuItem mniPembelianObat;

    private javax.swing.JMenuItem mniPenerimaanPiutang;

    private javax.swing.JMenuItem mniPenjualanObatApotek;

    private javax.swing.JMenuItem mniPenjualanObatRacikan;

    private javax.swing.JMenu mnuBackOffice;

    private javax.swing.JMenu mnuFile;

    private javax.swing.JMenu mnuLaporan;

    private javax.swing.JMenu mnuMasterData;

    private javax.swing.JMenu mnuTransaksi;

    private javax.swing.JPanel panelPenjualan;

    private javax.swing.JPanel panelRacikan;

    private maknyus.komponen.swing.AgPasswordField tPass;

    private javax.swing.JLabel tPassword;

    private maknyus.komponen.swing.AgTextField tUsername;

    private javax.swing.JTree treePertolongan;
    // End of variables declaration
    public JTabbedPane getTabbedPane() {

        return jTabbedPane1;//To change body of generated methods, choose Tools |
Templates.

    }


    public JTabbedPane getTabbedPane2() {
```

```java
        return jTabbedPane2;

    }

    private void kosongkanDataLogin() {

        //To change body of generated methods, choose Tools | Templates.

        tUsername.setText("");

        tPass.setText("");

    }

    private void komponen(boolean b) {

        mnuMasterData.setEnabled(b);

        mnuTransaksi.setEnabled(b);

        mnuBackOffice.setEnabled(b);

        mnuLaporan.setEnabled(b);

        lPenjualan.setEnabled(b);

        lRacikan.setEnabled(b);

        lKalkulator.setEnabled(b);

        lPembHut.setEnabled(b);

        lTombolNotepad.setEnabled(b);

        lCmd.setEnabled(b);

    }

    private void labelLogin(boolean b, boolean b0) {

        //To change body of generated methods, choose Tools | Templates.

        lLogin.setEnabled(b);

        lLogout.setEnabled(b0);

    }
```

*}*