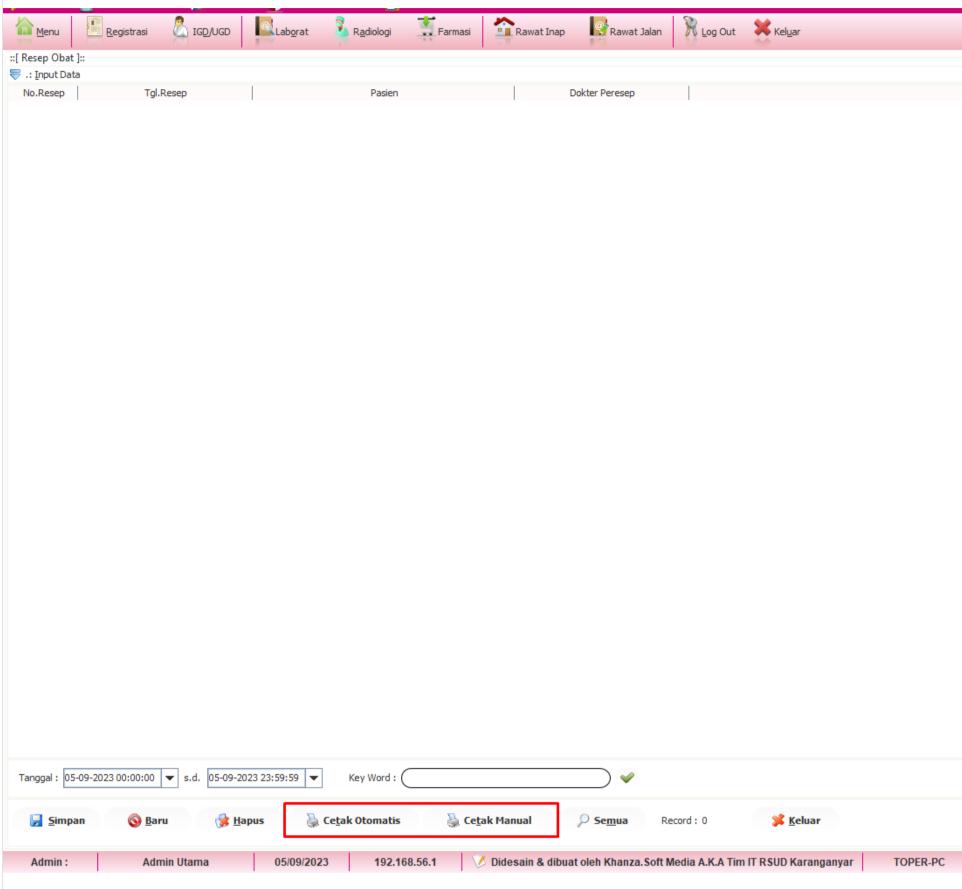
RSUD Kab Karanganyar

■ Done Agustus 2023

Jasper Report print ke printer tertentu

https://stackoverflow.com/questions/31028896/how-to-print-jasper-reports-in-a-specified-printer

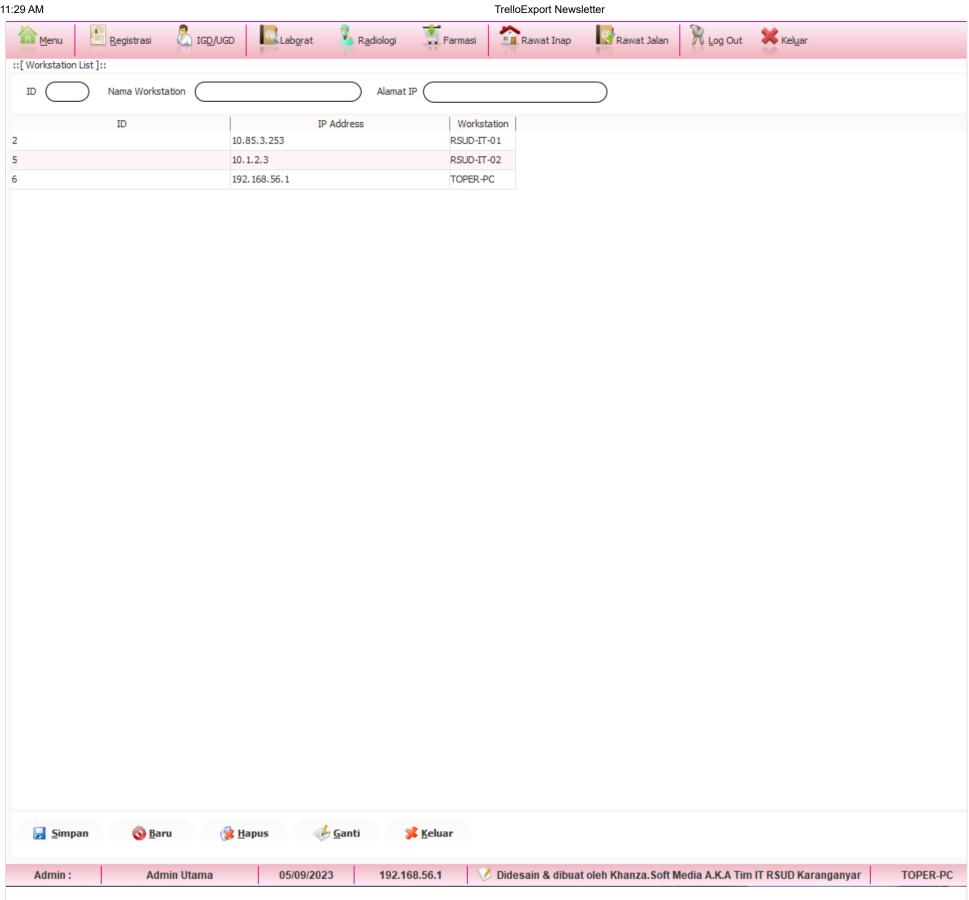
Menu Resep Obat



ketika print cetak otomatis, akan memproses fungsi yang mencari apakah PC tersebut sudah disetting di workstation config. jika cetak manual, maka akan menampilkan form jasper report yang menampilkan preview print, dan memilih print secara manual.

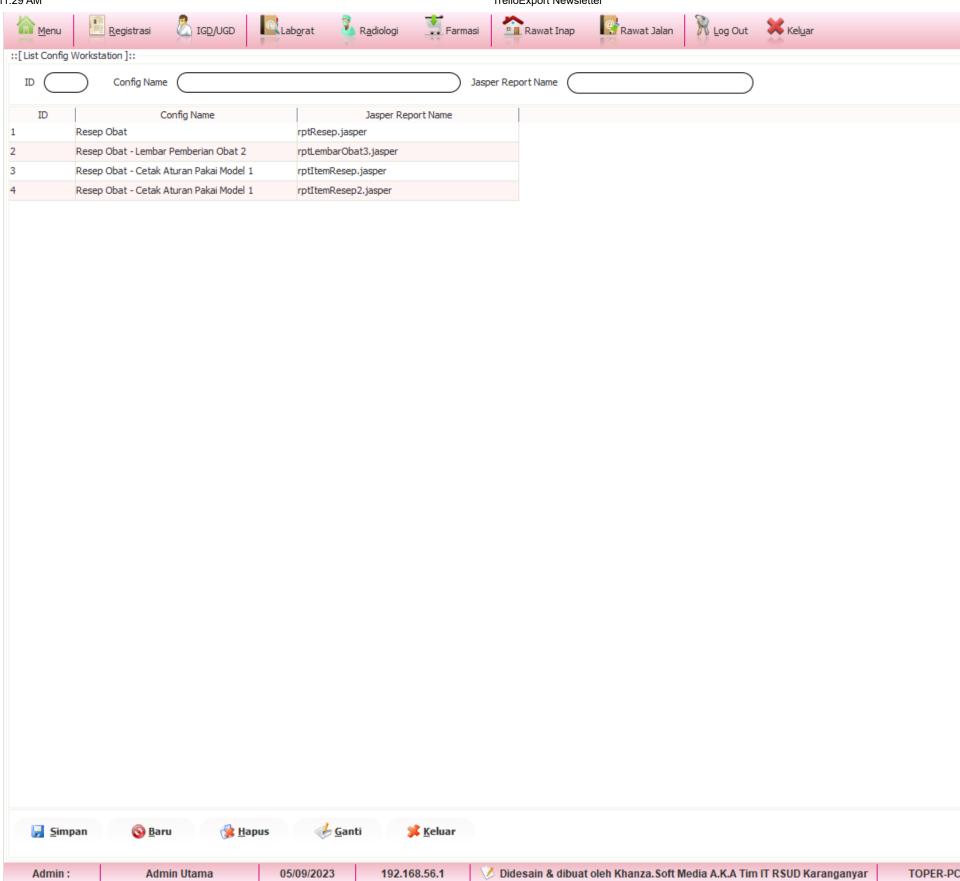
Menu Workstation List

11/7/23, 11:29 AM



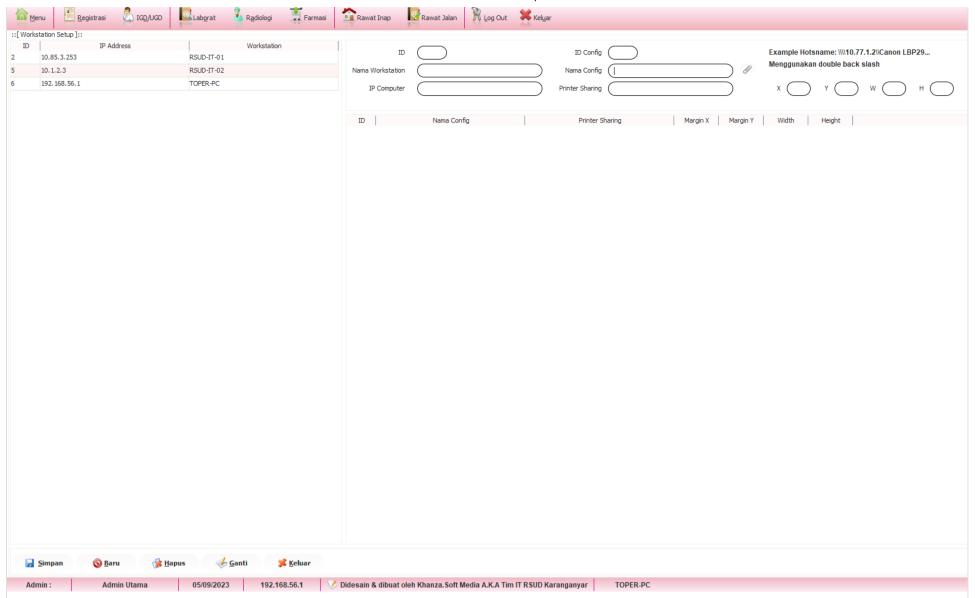
Untuk mendaftarkan alamat IP dan Hostname dari PC Client.

Menu List Config Workstation



Untuk mendaftarkan semua jenis jasper report yang akan di print. Config name untuk menamai report dari modul yang akan di setting, dan jasper report name adalah nama file dari report jasper.

Menu Workstation Setup



Menu untuk mapping dari List PC yang terdaftar, disambungkan dengan nama report yang terdaftar dengan alamat printer sharing maupun non sharing. Untuk cara confignya adalah klik sekali pada IP atau Hostname PC, kemudian kolom sebelah kanan akan load settingan print apa saja yang sudah termapping. Silahkan config sesuai dengan kebutuhan. Untuk settingan kertas juga sudah ada config ukuran kertasnya yang bisa disetting secara manual.

Code

Deklarasi variable

```
public final class DlgResepObat extends javax.swing.JDialog {
   private final DefaultTableModel tabMode, tabmodeUbahRacikan, tabmodeUbahRacikan2;
   private Connection koneksi=koneksiDB.condb();
   private sekuel Sequel=new sekuel();
   private validasi Valid=new validasi();
   private validasi2 Valid2=new validasi2();
   private PreparedStatement ps,ps2,psracikan;
   private ResultSet rs, rs2, rsracikan;
   public DlgCariDokter dokter=new DlgCariDokter(parent: null, modal: false);
   private DateFormat dateFormat = new SimpleDateFormat(pattern: "yyyy-MM-dd HH:mm:ss");
   private Date date = new Date();
   private String now=dateFormat.format(date),lembarobat="",status="",rincianobat="",finger="";
   private double total=0, jumlahtotal=0;
    private Properties prop = new Properties();
    private DlgCariAturanPakai aturanpakai=new DlgCariAturanPakai(parent: null,modal: false);
   private int i=0,pilihan=0,getno=0;
   private DateFormat format=new SimpleDateFormat(pattern: "yyyy-MM-dd");
```

```
//Function untuk report query print jasper secara otomatis pilih
   public void MyReportqry(String reportName,String reportDirName,String judul,String qry,Map parameters){
       Properties systemProp = System.getProperties();
       // Ambil current dir
       String currentDir = systemProp.getProperty("user.dir");
       File dir = new File(currentDir);
       File fileRpt;
       String fullPath = "";
       if (dir.isDirectory()) {
           String[] isiDir = dir.list();
           for (String iDir : isiDir) {
              fileRpt = new File(currentDir + File.separatorChar + iDir + File.separatorChar + reportDirName +
File.separatorChar + reportName);
              if (fileRpt.isFile()) { // Cek apakah file RptMaster.jrxml ada
                  fullPath = fileRpt.toString();
                  System.out.println("Found Report File at : " + fullPath);
              } // end if
           } // end for i
       } // end if
       try {
           ps=connect.prepareStatement(qry);
           try {
              String namafile="./"+reportDirName+"/"+reportName;
              rs=ps.executeQuery();
              JRResultSetDataSource rsdt = new JRResultSetDataSource(rs);
              JasperPrint jasperPrint = JasperFillManager.fillReport(namafile, parameters,rsdt);
              //Get the printers names
              PrintService[] services = PrintServiceLookup.lookupPrintServices(null, null);
              //Lets set the printer name based on the registered printers driver name (you can see the printer names in
the services variable at debugging)
              //String selectedPrinter = "Toper Printer";
              InetAddress inetAddress = InetAddress.getLocalHost();
              String hostname = InetAddress.getLocalHost().getHostName();
              String ip_address = inetAddress.getHostAddress();
              try {
                  String query = " SELECT wc.*, w.ip_address, w.workstation, wcl.config_name,
wcl.jasper_report_name\n" +
                                "FROM workstation_config wc\n" +
                                "LEFT JOIN workstation w ON wc.id_workstation = w.id_workstation\n" +
                                " LEFT JOIN workstation_config_list wcl ON wc.id_workstation_config =
wcl.id_workstation_config\n"+
                                "WHERE w.ip_address = '"+ip_address+"' AND w.workstation =
"+hostname+"' AND wcl.jasper report name = '"+reportName+"'";
                  ps_workstation = connect.prepareStatement(query);
                  rs_workstation = ps_workstation.executeQuery();
                  rs_workstation.next();
                  System.out.println("Query: "+query);
                  System.out.println("Sharing printer: "+rs_workstation.getString("sharing_printer"));
                  Integer x = rs_workstation.getInt("margin_x");
                  Integer y = rs_workstation.getInt("margin_y");
                  Integer width = rs_workstation.getInt("width");
                  Integer height = rs workstation.getInt("height");
                  if (rs_workstation != null) {
                      //String selectedPrinter = \quot;\\\\\ (20.77.41.99\\Canon LBP2900"; // examlpe to network shared
printer
                      String selectedPrinter = rs_workstation.getString(" sharing_printer");
                      System.out.println("IP Address: " + ip_address);
                      System.out.println("Hostname: " + hostname);
                      System.out.println("Share printer: " + selectedPrinter);
                      System.out.println("Number of print services: " + services.length);
                      PrintService selectedService = null;
                      //Set the printing settings
```

```
PrintRequestAttributeSet printRequestAttributeSet = new HashPrintRequestAttributeSet();
                         printRequestAttributeSet.add(MediaSizeName.ISO_A4);
//
                         x,y adalah margin; w, h adalah ukuran kertas (kertas label zebra zd230 menggunakan ukuran 66mm dan
35mm dengan margin 0
                       printRequestAttributeSet.add(new MediaPrintableArea(x, y, width, height, MediaPrintableArea.MM));
                       printRequestAttributeSet.add(new Copies(1));
                       if (jasperPrint.getOrientationValue() == net.sf.jasperreports.engine.type.OrientationEnum.LANDSCAPE)
                         printRequestAttributeSet.add(OrientationRequested.LANDSCAPE);
                       } else {
                         printRequestAttributeSet.add(OrientationRequested.PORTRAIT);
                       PrintServiceAttributeSet printServiceAttributeSet = new HashPrintServiceAttributeSet();
                       printServiceAttributeSet.add(new PrinterName(selectedPrinter, null));
                       JRPrintServiceExporter exporter = new JRPrintServiceExporter();
                       SimplePrintServiceExporterConfiguration configuration = new
SimplePrintServiceExporterConfiguration();
                       configuration.setPrintRequestAttributeSet(printRequestAttributeSet);
                       configuration.setPrintServiceAttributeSet(printServiceAttributeSet);
                       configuration.setDisplayPageDialog(false);
                       configuration.setDisplayPrintDialog(false);
                       exporter.setExporterInput(new SimpleExporterInput(jasperPrint));
                       exporter.setConfiguration(configuration);
                       //Iterate through available printer, and once matched with our <selectedPrinter&gt;, go ahead and
print!
                       if(services != null && services.length != 0){
                         for(PrintService service : services){
                             String existingPrinter = service.getName();
                             if(existingPrinter.equals(selectedPrinter))
                                  selectedService = service;
                                 break;
                             }
                         }
                       if(selectedService != null)
                       {
                         try{
                             //Lets the printer do its magic!
                             exporter.exportReport();
                         }catch(JRException e){
                       System.out.println(" JasperReport Error: " +e.getMessage());
                         }
                       }else{
                         System.out.println(" JasperReport Error: Printer not found!");
                   }else{
                       JasperViewer jasperViewer = new JasperViewer(jasperPrint, false);
                       jasperViewer.setTitle(judul);
                       Dimension screen=Toolkit.getDefaultToolkit().getScreenSize();
                       jasperViewer.setSize(screen.width-50,screen.height-50);
                       jasperViewer.setModalExclusionType(ModalExclusionType.TOOLKIT_EXCLUDE);
                       jasperViewer.setLocationRelativeTo(null);
                       jasperViewer.setVisible(true);
               } catch (SQLException e) {
                   System.out.println(e);
           } catch (HeadlessException | UnknownHostException | SQLException | JRException rptexcpt) {
               System.out.println("Report Can't view because : " + rptexcpt);
                JOptionPane.showMessageDialog(null,"Report Can't view because : "+ rptexcpt);
           } finally{
               if(rs!=null){
                   rs.close();
               }
               if(ps!=null){
                   ps.close();
```

```
}
}
catch (HeadlessException | SQLException e) {
   System.out.println(e);
}
```

Mendeteksi apakah PC client tersebut sudah terconfig, jika tidak akan menggunakan jasper report manual, dan pilih printer manual.

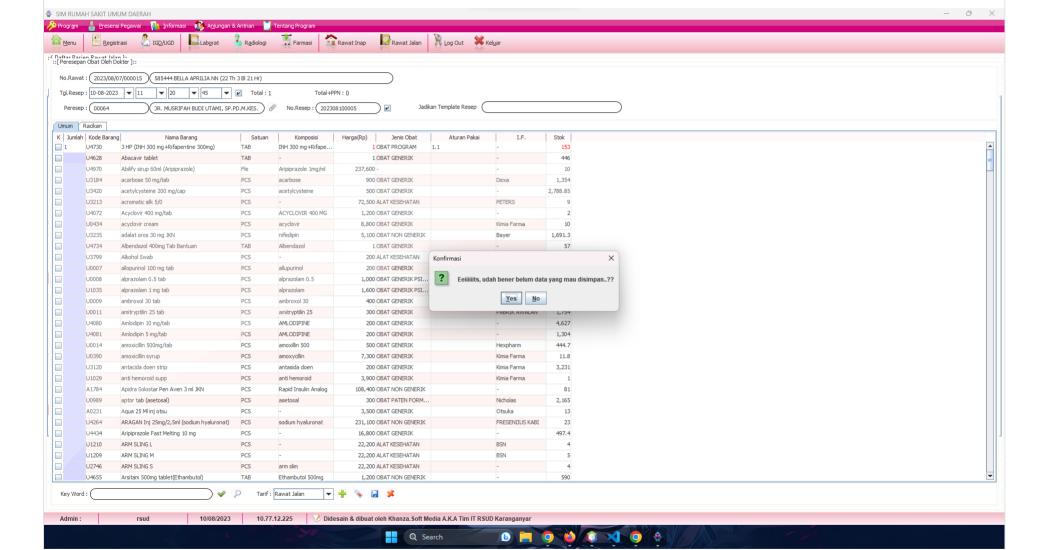
Penambahan label hostname pada footer



InetAddress inetAddress = InetAddress.getLocalHost();
LblIP.setText(""+inetAddress.getHostAddress());
LblHostname.setText(""+InetAddress.getLocalHost().getHostName());
akses.setalamatip(""+inetAddress.getHostAddress());

JDialog untuk menampilkan obat yang sudah tersimpan di input resep

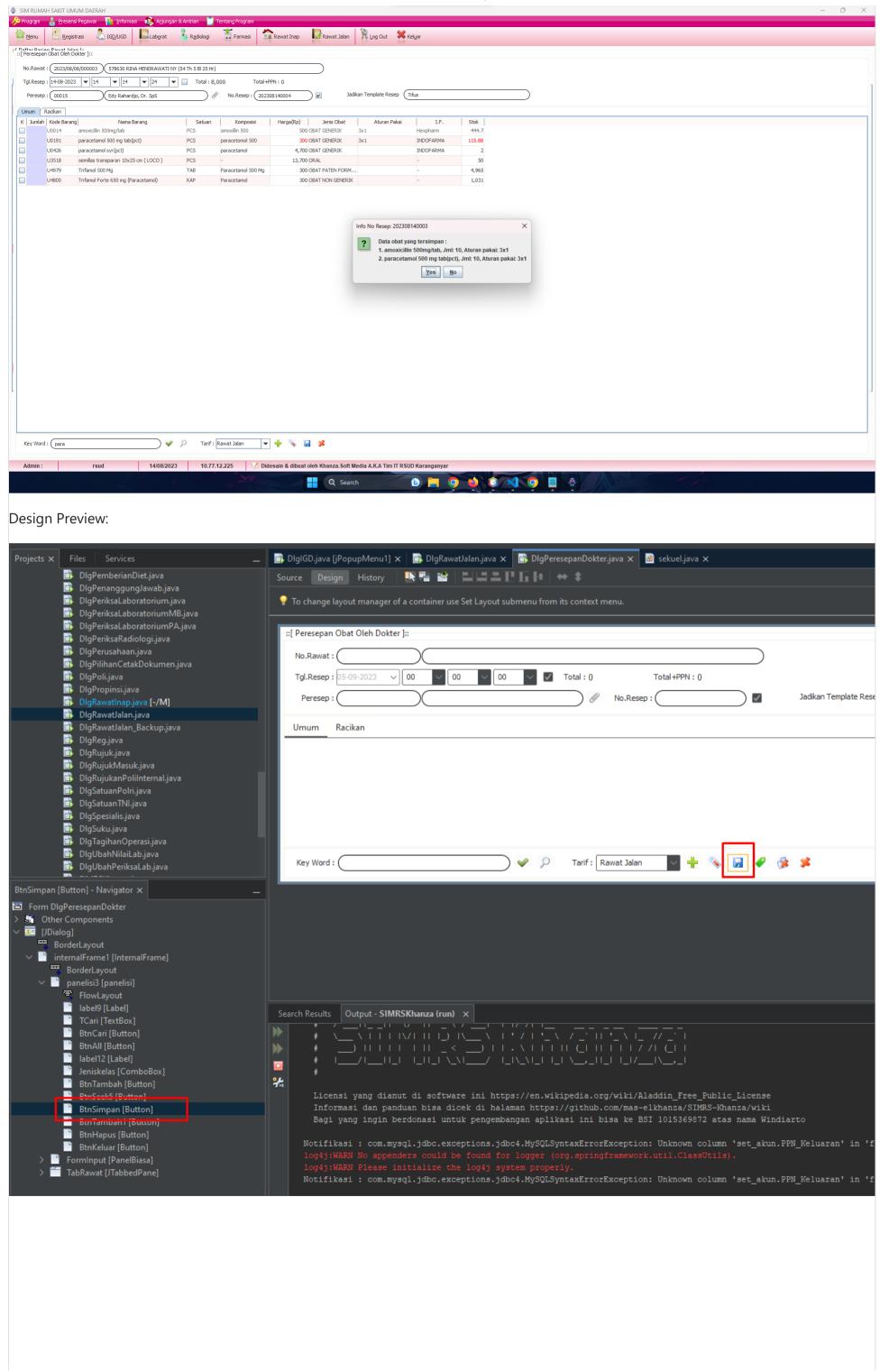
Plan:



setelah klik yes, maka kembali ke form awal dan menampilkan JDialog yang berisi obat apa saja yang sudah di submit

Resolution:

sudah muncul notif

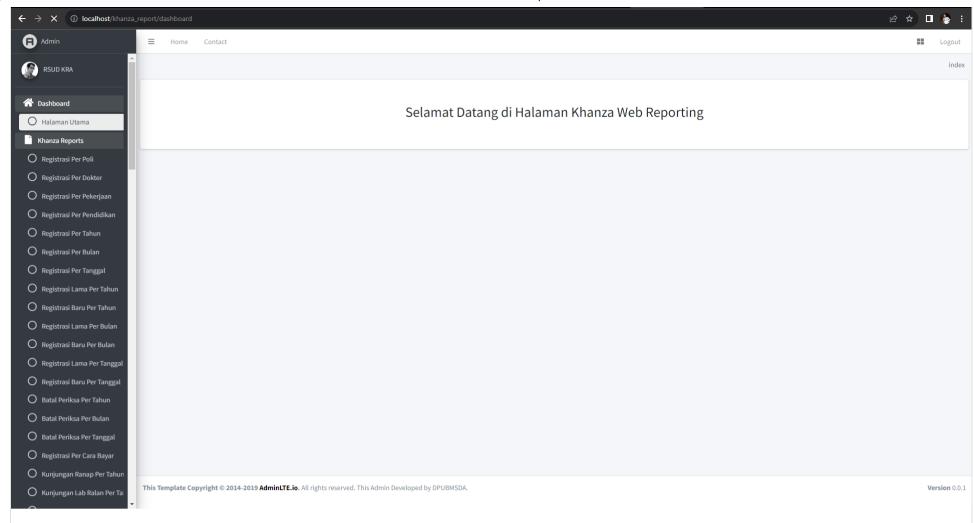


```
📑 DIgIGD.java [jPopupMenu1] 🗴 📑 DIgRawatJalan.java 🗴 📑 DIgPeresepanDokter.java 🗴 🙆 sekuel.java 🗴
        Design History 🍱 📮 🔻 📈 🗸 🐥 📇 📝 📥 🔩 👲 🔳 🍱
                             noRMPasienArray = TPasien.getText().split(regex: " ");
                                 ps_resep_obat_tersubmit = koneksi.prepareStatement(sq1:"SELECT r.*, d.nama_brng FROM resep_dokter r I
                                 ps_resep_obat_tersubmit.setString(parameterIndex: 1, x: NoResep.getText());
                                    _resep_obat_tersubmit = ps_resep_obat_tersubmit.executeQuery();
                                     System.out.println(x: rs_resep_obat_tersubmit.getString(columnLabel: "kode_brng"));
                                     System.out.println(x: rs_resep_obat_tersubmit.getString(columnLabel:"nama_brng"));
                             } catch (SQLException ex) {
                                 System.out.println(x: ex);
                             String resep_tersubmit = "";
                             int konfirm_resep = JOptionPane.showConfirmDialog(parentComponent:rootPane,message:dialog_resep,"Info No Resep
                             if(konfirm resep == JOptionPane.YES_OPTION) {
                                 dispose();
                                 dispose();
                                 DlgCopyResep daftar=new DlgCopyResep(parent: null, modal: false);
                               7 Previous 🔑 Next 💻 Select 🗚 "" 🐣 🖺 🖺
Find: lembarkeluar
```

Code:

```
try {
     ps_resep_obat_tersubmit = koneksi.prepareStatement("SELECT r.*, d.nama_brng FROM resep_dokter r LEFT JOIN
databarang d ON r.kode_brng = d.kode_brng where r.no_resep = ?");
     ps_resep_obat_tersubmit.setString(1, NoResep.getText());
     rs_resep_obat_tersubmit = ps_resep_obat_tersubmit.executeQuery();
     dialog_resep = "Data obat yang tersimpan : \n";
     int no = 1;
     while (rs_resep_obat_tersubmit.next()) {
         System.out.println(rs_resep_obat_tersubmit.getString("kode_brng"));
         System.out.println(rs_resep_obat_tersubmit.getString("nama_brng"));
         dialog_resep += no+". "+rs_resep_obat_tersubmit.getString("nama_brng")+", Jml:
"+rs_resep_obat_tersubmit.getString("jml")+", Aturan pakai:
"+rs_resep_obat_tersubmit.getString("aturan_pakai")+"\n";
         no++;
     }
 } catch (SQLException ex) {
     // Logger.getLogger(DlgPeresepanDokter.class.getName()).log(Level.SEVERE, null, ex);
     System.out.println(ex);
 String resep_tersubmit = "";
 int konfirm_resep = JOptionPane.showConfirmDialog(rootPane,dialog_resep,"Info No Resep:
"+NoResep.getText(),JOptionPane.YES_NO_OPTION);
 if(konfirm_resep == JOptionPane.YES_OPTION){
     dispose();
 }else{
     dispose();
     this.setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
     DlgCopyResep daftar=new DlgCopyResep(null,false);
     daftar.isCek();
     daftar.setRM(TNoRw.getText(),noRMPasien,KdDokter.getText(),kdPj,"ralan");
     daftar.tampil();
     daftar.setSize(internalFrame1.getWidth(),internalFrame1.getHeight());
     daftar.setLocationRelativeTo(internalFrame1);
     daftar.setVisible(true);
     this.setCursor(Cursor.getDefaultCursor());
 }
```

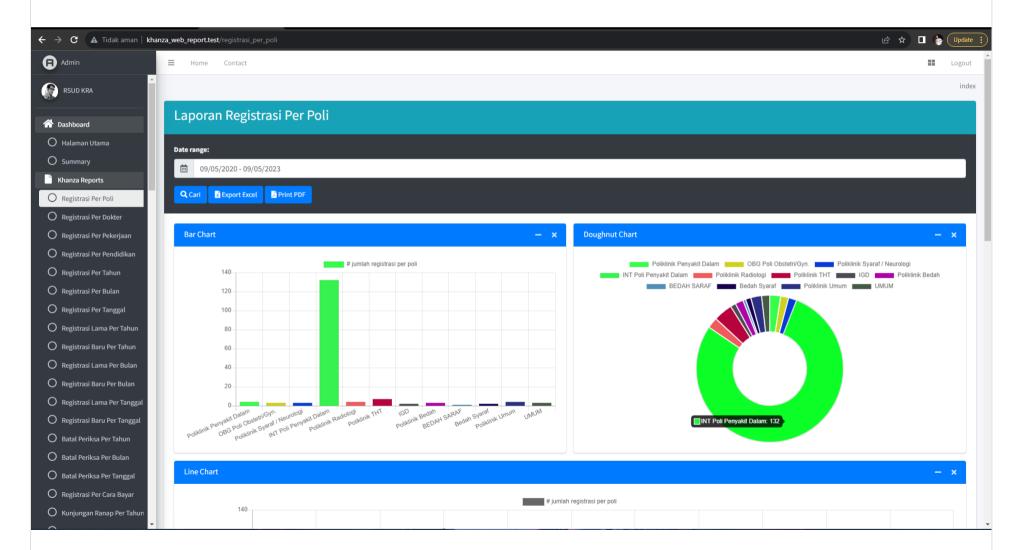
Remake Khanza Report



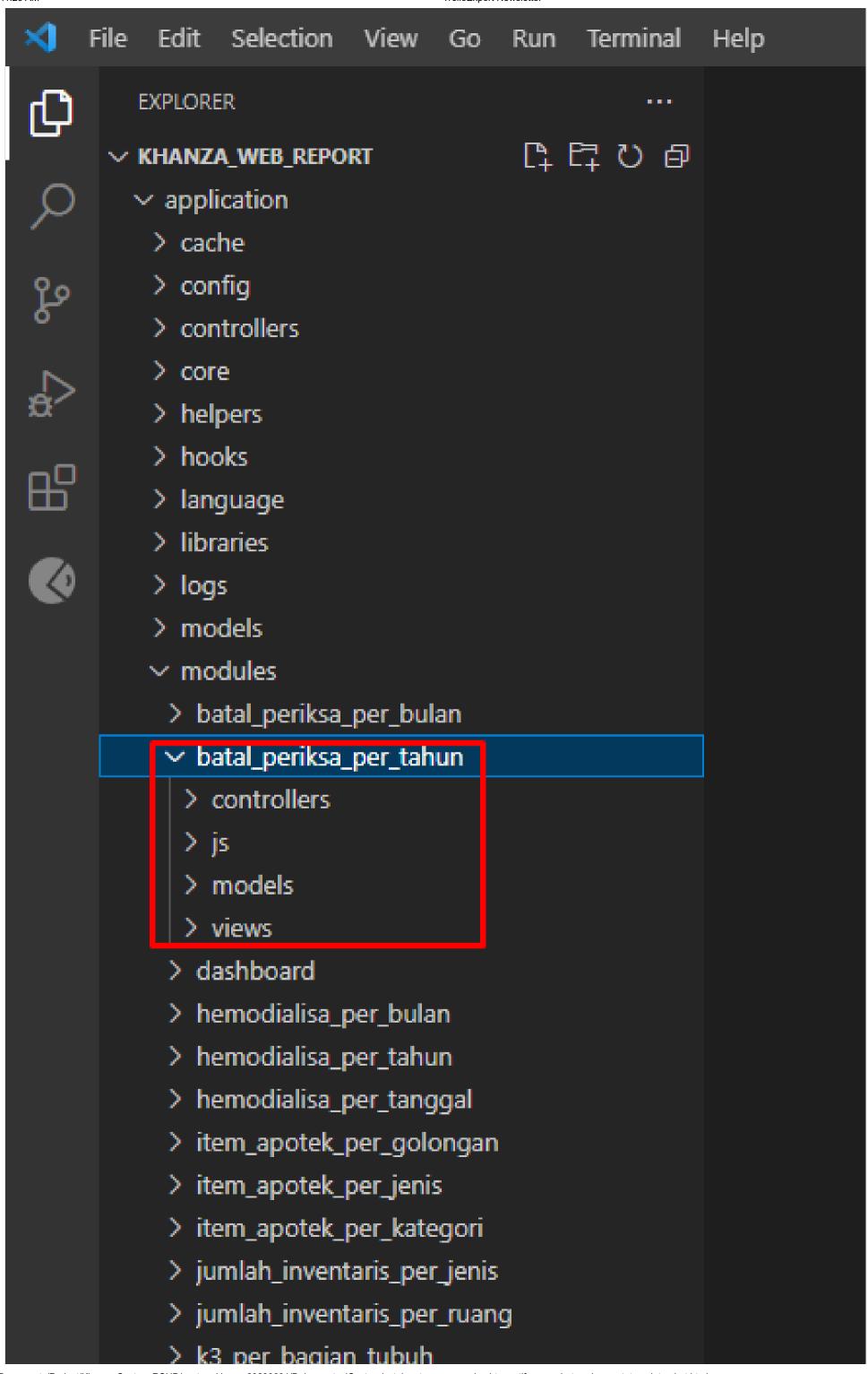
mempersiapkan framework CI 3 HMVC

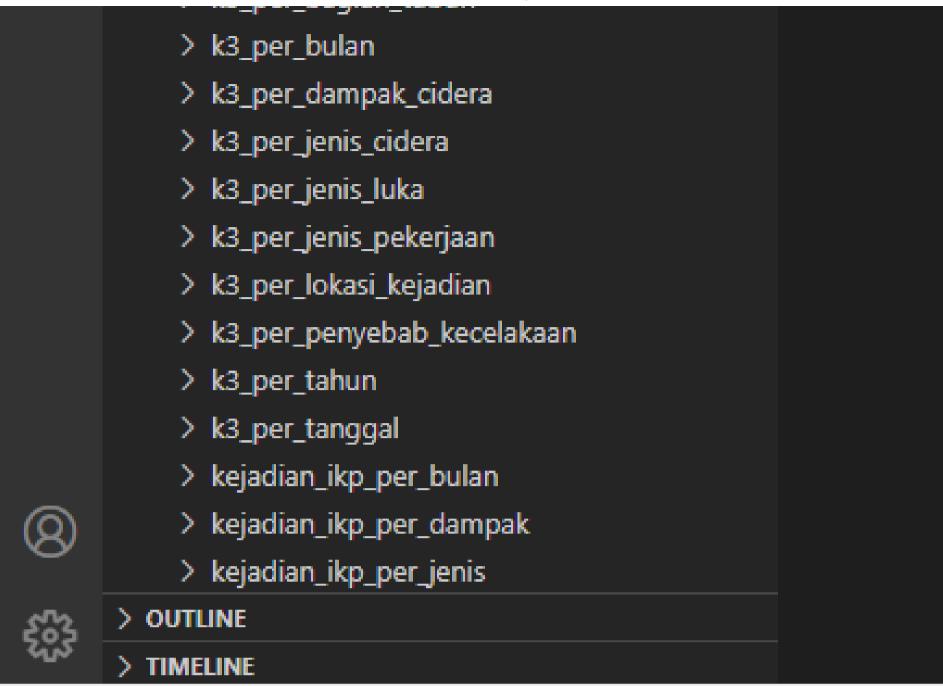
recreate semua modul laporan beserta grafik

Login: user: rsudkra password: 12345678



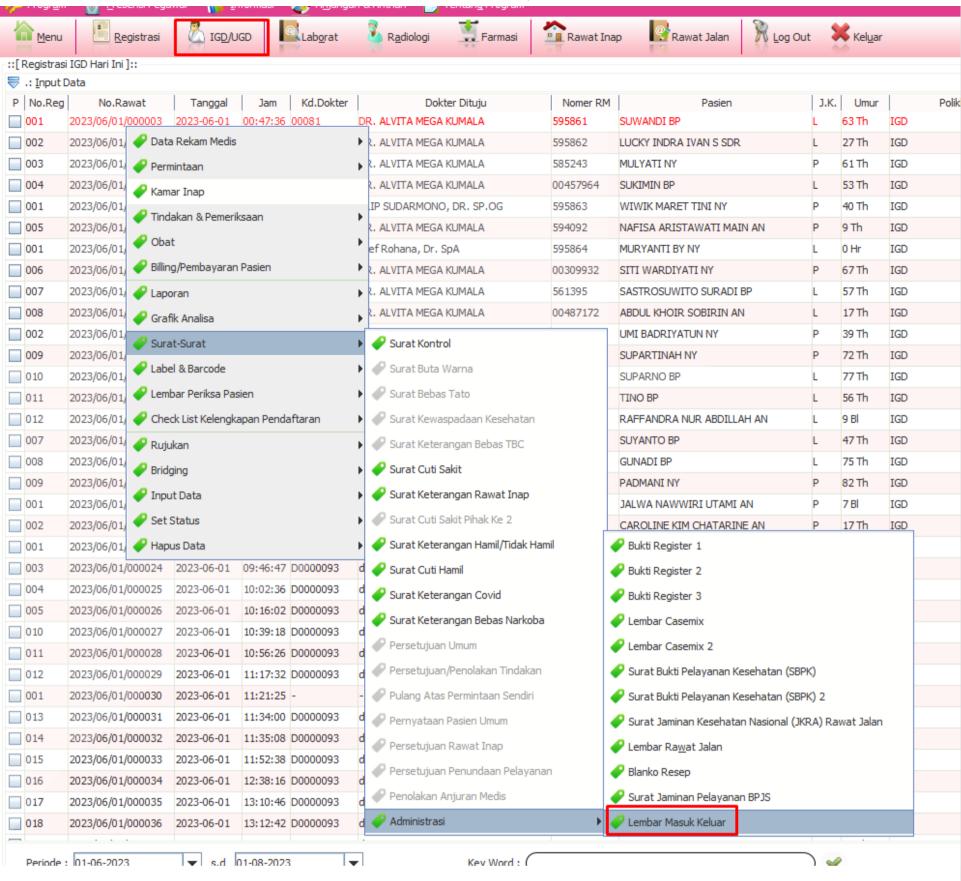
Struktur Code dengan Hirarki MVC, terdapat folder modules untuk membagi controller, model, javascript, dan view



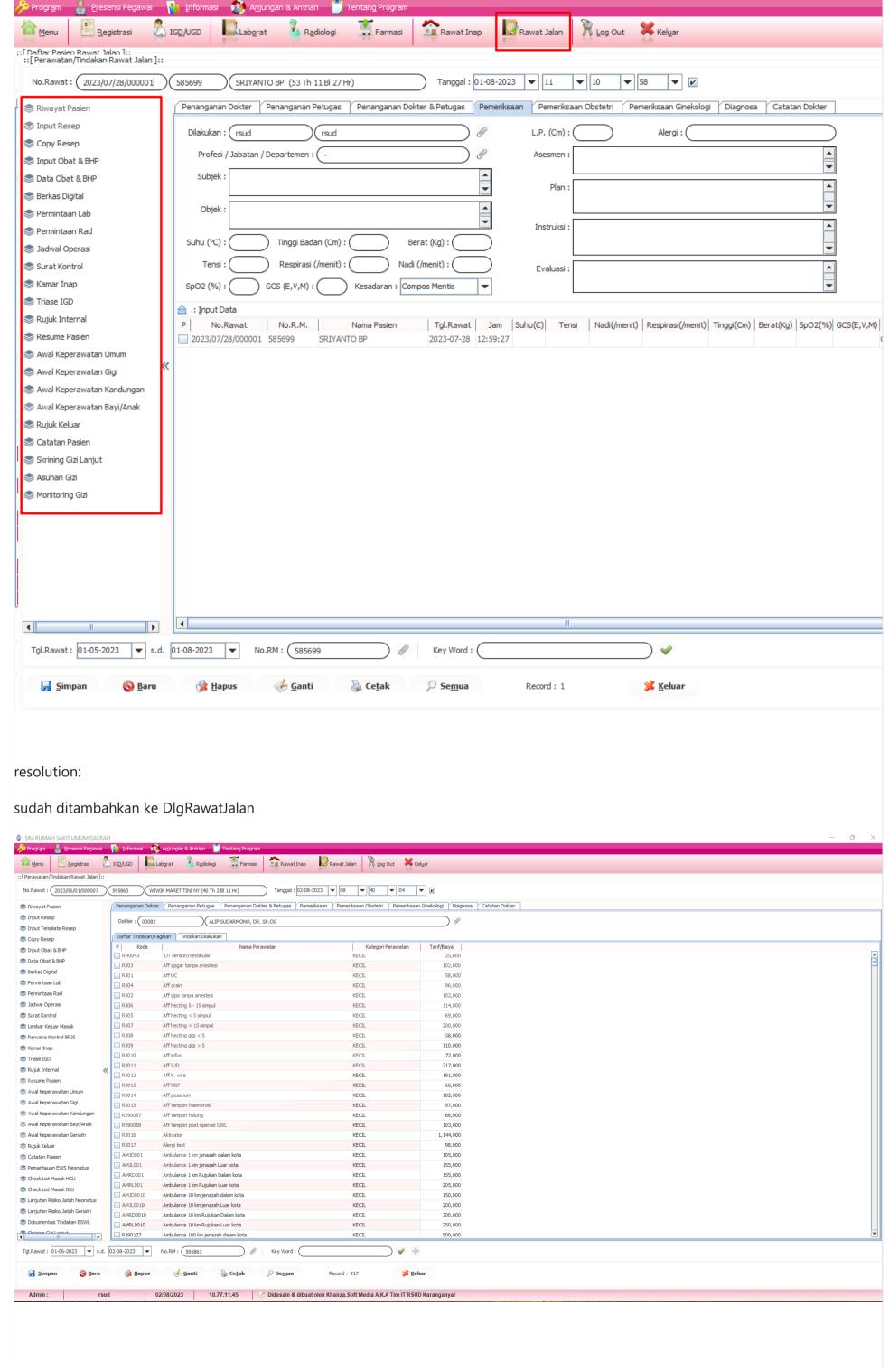


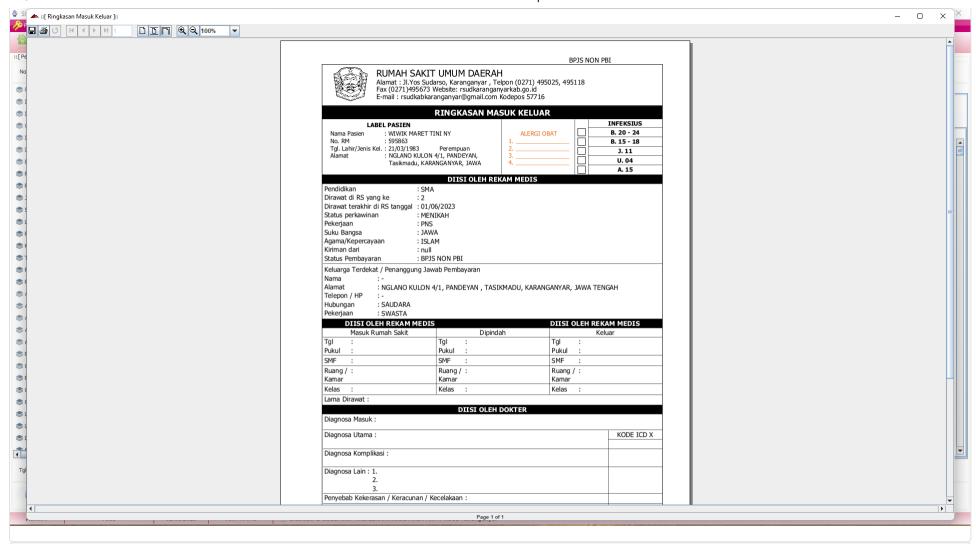
Pindah Tombol Surat Masuk Keluar dari form IGD ke Rawat Jalan

Dari form ini

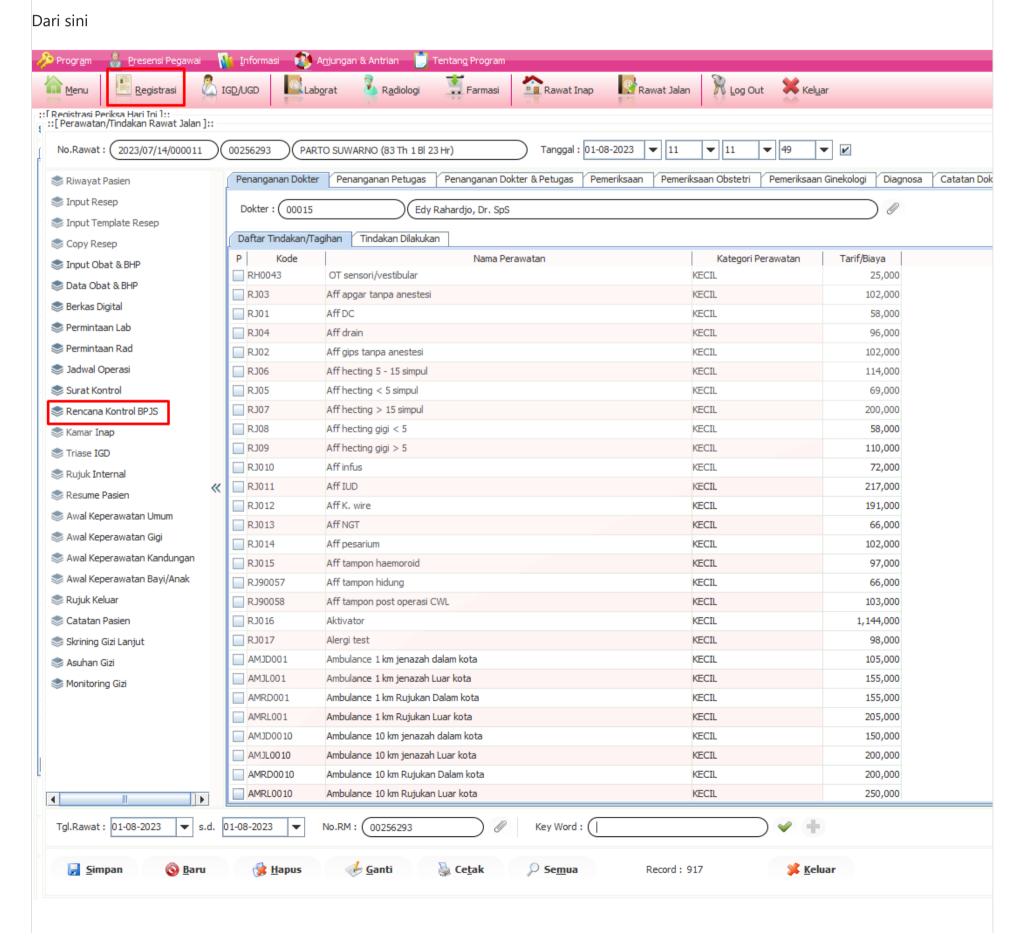


ke form ini

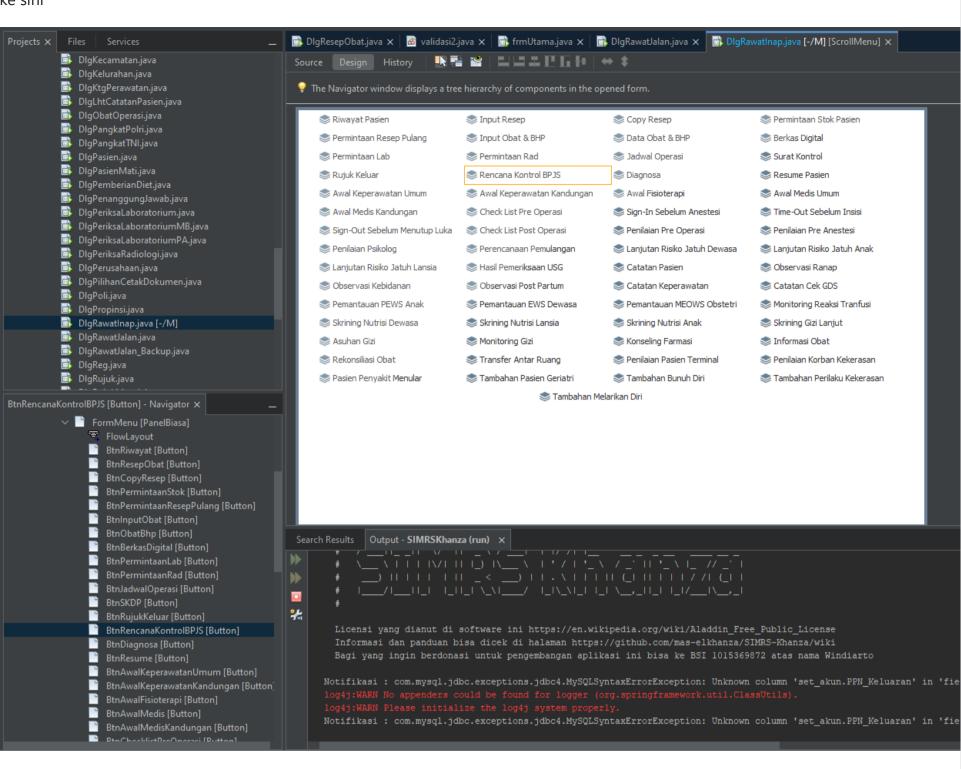


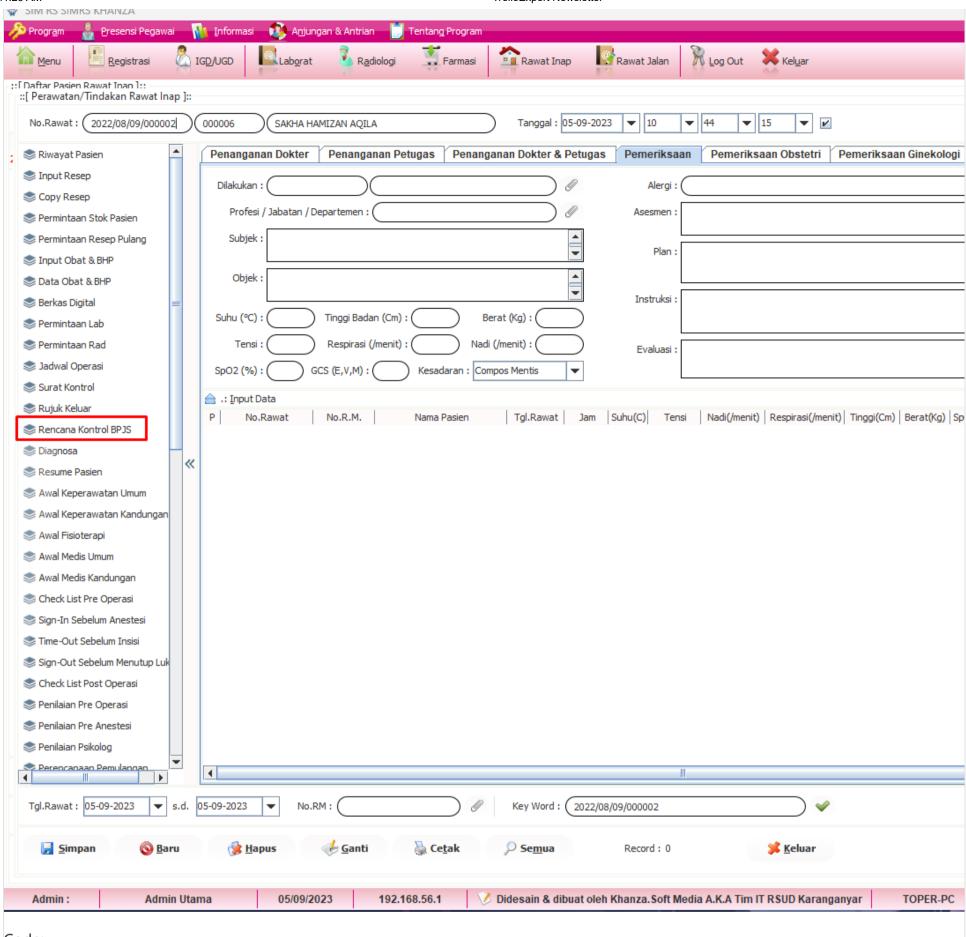


Tambah tombol rencana kontrol BPJS dari form Registrasi ke Form Rawat Inap



ke sini





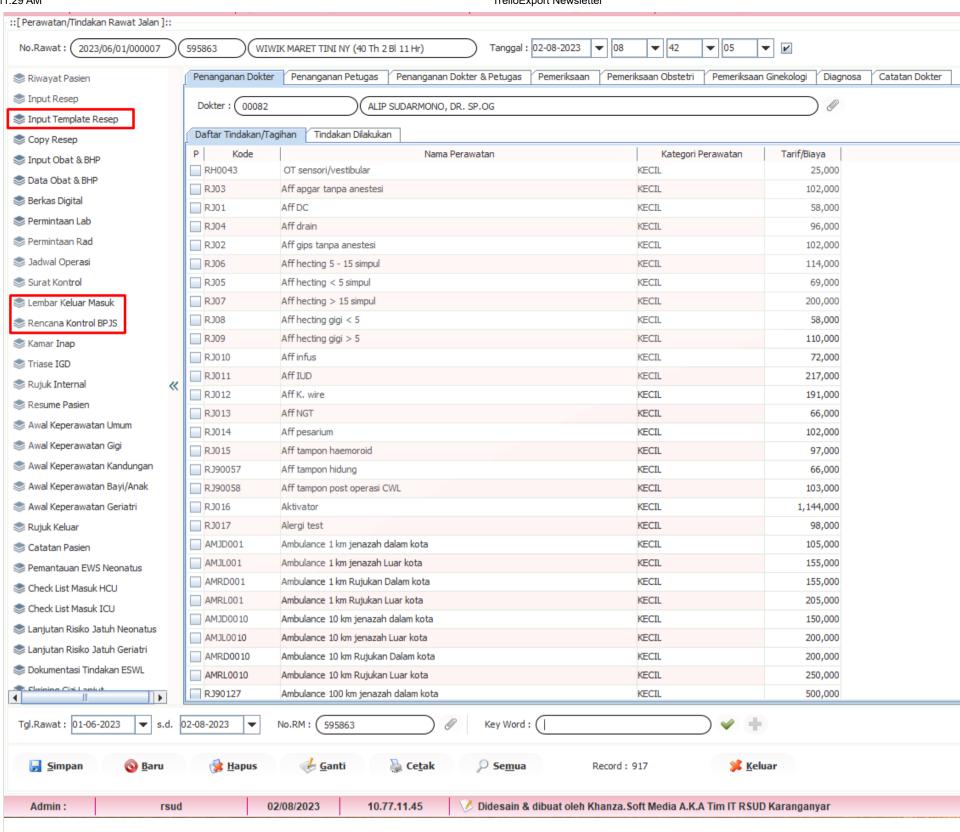
Code:

```
private void BtnRencanaKontrolBPJSActionPerformed(java.awt.event.ActionEvent evt) {
       if(TNoRw.getText().trim().equals("")){
           JOptionPane.showMessageDialog(null,"Maaf, Silahkan anda pilih dulu dengan menklik data pada
table...!!!");
           TCari.requestFocus();
       }else{
           try {
               pskasir = koneksi.prepareStatement("select no_sep,no_kartu,tanggal_lahir,jkel,nmdiagnosaawal from
bridging_sep where no_rawat=?");
              try {
                  pskasir.setString(1,TNoRw.getText());
                  rskasir = pskasir.executeQuery();
                  if(rskasir.next()){
                      this.setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
                      BPJSSuratKontrol form=new BPJSSuratKontrol(null,false);
form.setNoRm(TNoRw.getText(),rskasir.getString("no_sep"),rskasir.getString("no_kartu"),TNoRw.getText(),T
Pasien.getText(),rskasir.getString("tanggal_lahir"),rskasir.getString("jkel"),rskasir.getString("nm
diagnosaawal"));
                      form.setSize(internalFrame1.getWidth()-20,internalFrame1.getHeight()-20);
                      form.setLocationRelativeTo(internalFrame1);
                      form.setVisible(true);
                      this.setCursor(Cursor.getDefaultCursor());
                      JOptionPane.showMessageDialog(null,"Pasien tersebut belum terbit SEP, silahkan hubungi bagian
terkait..!!");
                      TCari.requestFocus();
                  }
              } catch (Exception e) {
                  System.out.println("Notif : "+e);
              } finally{
                  if(rskasir!=null){
                      rskasir.close();
                  }
                  if(pskasir!=null){
                      pskasir.close();
                  }
           } catch (Exception e) {
              System.out.println("Notif : "+e);
           }
       }
```

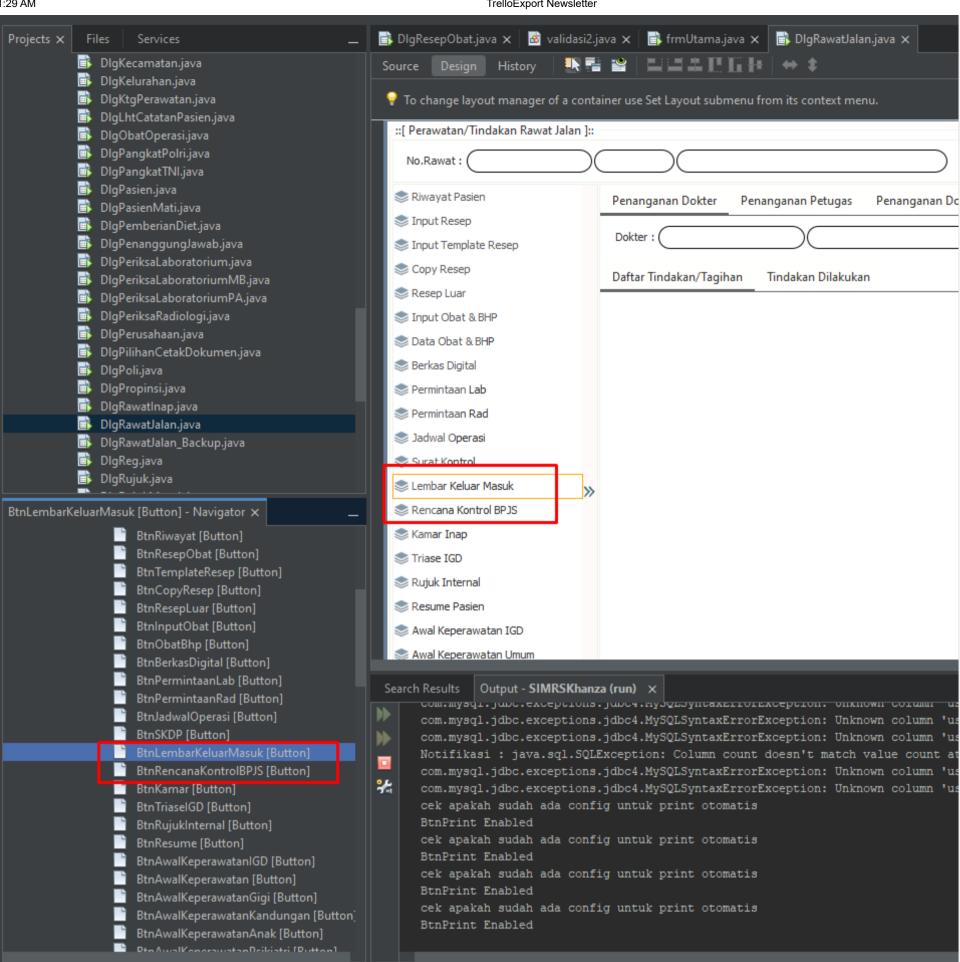
Pindah tombol rencana kontrol BPJS ke form Registrasi

resolution:

sudah ditambahkan



Design preview



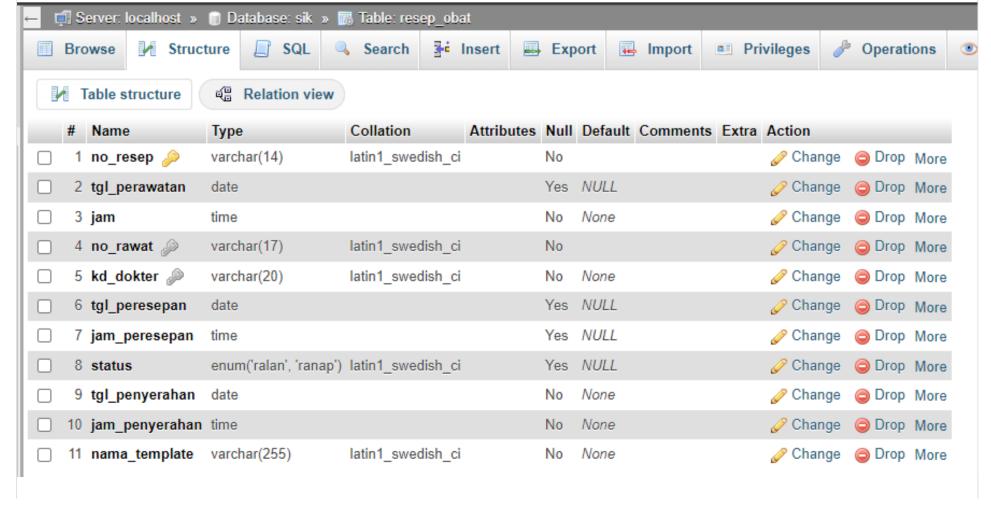
Code

```
11/7/23, 11:29 AM
         private void BtnLembarKeluarMasukActionPerformed(java.awt.event.ActionEvent evt) {
            // tambah button lembar keluar masuk dari dlg igd->administrasi->lembar keluar masuk
                this.setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
                Map<String, Object&gt; param = new HashMap&lt;&gt;();
                param.put("namars",akses.getnamars());
                param.put("alamatrs",akses.getalamatrs());
                param.put("kotars",akses.getkabupatenrs());
                param.put("propinsirs",akses.getpropinsirs());
                param.put("kontakrs",akses.getkontakrs());
                param.put("emailrs",akses.getemailrs());
                  param.put("kiriman",AsalRujukan.getText());
                param.put("doktermasuk",TDokter.getText());
                param.put("dirawatke",Sequel.cariIsi("select count(no_rkm_medis)+1 from reg_periksa where
     no_rkm_medis=?",TNoRM.getText()));
                param.put("terakhirdirawat",Sequel.cariIsi("select DATE FORMAT(tgl registrasi,'%d/%m/%Y') from
     reg_periksa where no_rkm_medis=? order by tgl_registrasi desc limit 1",TNoRM.getText()));
                param.put("logo",Sequel.cariGambar("select setting.logo from setting"));
                Valid.MyReportqry("rptLembarKeluarMasuk3.jasper","report","::[ Ringkasan Masuk Keluar
     ]::","select pasien.no_rkm_medis, pasien.nm_pasien, pasien.no_ktp, pasien.jk, "+
                    "pasien.tmp_lahir, pasien.tgl_lahir,pasien.nm_ibu, concat(pasien.alamat,', ',kelurahan.nm_kel,',
      ',kecamatan.nm_kec,', ',kabupaten.nm_kab,', ',propinsi.nm_prop) as alamat, pasien.gol_darah, pasien.pekerjaan,"+
                   "pasien.stts_nikah,pasien.agama,pasien.tgl_daftar,pasien.no_tlp,pasien.umur,pasien.pnd,
     pasien.keluarga, pasien.namakeluarga,penjab.png_jawab,pasien.pekerjaanpj, suku_bangsa.nama_suku_bangsa,"+
                   "concat(pasien.alamatpj,', ',pasien.kelurahanpj,', ',pasien.kecamatanpj,', ',pasien.kabupatenpj,',
      ,pasien.propinsipj) as alamatpj from pasien "+
                   "inner join kelurahan inner join kecamatan inner join kabupaten inner join suku_bangsa "+
                   " inner join penjab inner join propinsi on pasien.kd_prop=propinsi.kd_prop and pasien.kd_pj=penjab.kd_pj
     and pasien.kd_kel=kelurahan.kd_kel "+
                   " and pasien.kd_kec=kecamatan.kd_kec and pasien.kd_kab=kabupaten.kd_kab and
     suku_bangsa.id=pasien.suku_bangsa where pasien.no_rkm_medis='"+TNoRM.getText()+"' ",param);
                this.setCursor(Cursor.getDefaultCursor());
         }
```

```
private void BtnRencanaKontrolBPJSActionPerformed(java.awt.event.ActionEvent evt) {
       if(TNoRw.getText().trim().equals("")){
           JOptionPane.showMessageDialog(null,"Maaf, Silahkan anda pilih dulu dengan menklik data pada
table...!!!");
           TCari.requestFocus();
       }else{
               try {
                  pskasir = koneksi.prepareStatement("select no_sep,no_kartu,tanggal_lahir,jkel,nmdiagnosaawal from
bridging_sep where no_rawat=?");
                  try {
                      pskasir.setString(1,TNoRw.getText());
                      rskasir = pskasir.executeQuery();
                      if(rskasir.next()){
                          this.setCursor(Cursor.getPredefinedCursor(Cursor.WAIT_CURSOR));
                          BPJSSuratKontrol form=new BPJSSuratKontrol(null,false);
form.setNoRm(TNoRw.getText(),rskasir.getString("no_sep"),rskasir.getString("no_kartu"),TNoRw.getText(),T
Pasien.getText(),rskasir.getString("tanggal_lahir"),rskasir.getString("jkel"),rskasir.getString("nm
diagnosaawal"));
                          form.setSize(internalFrame1.getWidth()-20,internalFrame1.getHeight()-20);
                          form.setLocationRelativeTo(internalFrame1);
                          form.setVisible(true);
                          this.setCursor(Cursor.getDefaultCursor());
                          JOptionPane.showMessageDialog(null, " Pasien tersebut belum terbit SEP, silahkan hubungi
bagian terkait..!!");
                          TCari.requestFocus();
                  } catch (Exception e) {
                      System.out.println("Notif : "+e);
                  } finally{
                      if(rskasir!=null){
                          rskasir.close();
                      if(pskasir!=null){
                          pskasir.close();
                      }
               } catch (Exception e) {
                  System.out.println("Notif : "+e);
       }
```

Tambah modul resep obat template

struktur database:



penyesuaian proses penyimpanan di modul DlgPeresepanDokter.java

```
💰 validasi2.java 🗙 📑 DlgPeresepanDokter.java 🗴
   ource Design History 🍱 💹 - 💹 - 🌂 🐥 🚆 🧦 🚰 🦫 🔩 🏥 🐞 🔳 🕌 🚆
         private void BtnSimpanActionPerformed(java.awt.event.ActionEvent evt) {
                   if (reply == JOptionPane.YES_OPTION) {
    ChkJln.setSelected(b: false);
                                 if(Sequel.menyimpantf2(table: "resep_obat",value: "?,?,?,?,?,?,?,?,?,?,,?,sama: "Nomer Resep",i: 11,new String[]{
    NoResep.getText(),"0000-00-00","00:00:00",TNoRw.getText(),KdDokter.getText(),Valid.SetTgl(DTPBeri.getSelectedIter(),
                                          simpandata();
                                      if(Sequel.meny)mpantf2(table: "resep_obat",value: "?,?,?,?,?,?,?,?,?,?,?,ama: "Nomer Resep",i: l1,new String[]{
    NoResep.getText(),"0000-00-00","00:00:00",TNoRw.getText(),KdDokter.getText(),Valid.SetTgl(DTPBeri.getSelectedItex():""),
    cmbJam.getSelectedItem()+":"+cmbMnt.getSelectedItem()+":"+cmbDtk.getSelectedItem(),status,"0000-00-00","00:00:00",txtJadikanTemplateResep.getText()
                                              simpandata();
                                                                                         0:00",TNoRw.getText(),KdDokter.getText(),Valid.SetTgl(DTPBeri.getSelectedItem()+""),
getSelectedItem()+":"+cmbDtk.getSelectedItem(),status,"0000-00-00","00:00:00",txtJadikanTemplateResep.getText()
penambahan button template resep di modul rawat jalan:
  🔯 validasi2.java 🗴 📑 DIgPeresepanDokter.java 🗴 📑 DIgRawatJalan.java 🗴
   Source Design History 🌃 🖾 🔻 💆 💆 🏲 👫 🔭 📞 🏝 🍮 👅 📲 🕌
                    private void BtnTemplateResepActionPerformed(java.awt.event.ActionEvent evt) {
                               DlgTemplateResep2 template=new DlgTemplateResep2 (parent: null, modal: false);
                               template.tampil2();
                               template.setSize(width: internalFramel.getWidth(), height: internalFramel.getHeight());
                                template.setLocationRelativeTo(c: internalFramel);
                                template.setVisible(b: true);
                                              Lab<u>o</u>rat
                                                              Radiologi
                                                                                            Rawat Inap
                                                                                                             Rawat Jalan 📈 Log Out 🦝 Keluar
  Menu Menu
              <u>R</u>egistrasi
                               IGD/UGD
                                                                              Farmasi
 ::[ Perawatan/Tindakan Rawat Jalan ]::
                                  )(000002
    No.Rawat : (2023/08/29/000003
                                              DEWI EKAWATI (1Th 2 Bl 1 Hr)
                                                                                              Tanggal: 29-08-2023 ▼ 10 ▼ 15 ▼ 38 ▼ ✓
                                      Penanganan Dokter Penanganan Petugas Penanganan Dokter & Petugas Pemeriksaan Pemeriksaan Obstetri Pemeriksaan Ginekologi Diagnosa Catatan Dokter
   Riwayat Pasien
   Input Resep
                                                                                                                                                 Alergi :
                                       Dilakukan:
                                                                                                        Ø
                                                                                                                    L.P. (Cm):
  Input Template Resep
                                                                                                                                                                                      ^
                                         Profesi / Jabatan / Departemen :
                                                                                                        Copy Resep
                                         Subjek
   Input Obat & BHP
                                                                                                         <u></u>
                                          Objek
   Data Obat & BHP
                                                                                                                                                                                      *
                                                                                                                     Instruksi:
   Permintaan Lab
   Permintaan Rad
                                                                                                                                                                                      <u></u>
    Jadwal Operasi
    Surat Kontrol
   Lembar Keluar Masuk
                                                                                            | Tgl.Rawat | Jam | Suhu(C) | Tensi | Nadi(/menit) | Respirasi(/menit) | Tinggi(Cm) | Berat(Kg) | SpO2(%) | GCS(E,V,M) | Kesadaran |
                                                        No.R.M.
                                      P No.Rawat
   Rencana Kontrol BPJS
   Triase IGD
   Rujuk Internal
   Resume Pasien
   🃚 Awal Keperawatan IGD
   Awal Keperawatan Umum
   Awal Keperawatan Gigi
    🃚 Awal Keperawatan Kandunga
    🥏 Awal Keperawatan Bayi/Anak
```

penambahan modul template resep2:

preview modul template resep, muncul template hanya pada dokter yang memeriksa. untuk dokter lain tidak dapat copy resep dari dokter tersebut.

