**TAS**



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import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.util.ArrayList;

import javax.swing.JOptionPane;

public class DataPasienProgram extends javax.swing.JFrame {

private ArrayList<Pasien> dataPasien;

public DataPasienProgram() {

initComponents();

dataPasien = new ArrayList<>();

}

private void initComponents() {

lblNoRM = new javax.swing.JLabel();

txtNoRM = new javax.swing.JTextField();

lblNama = new javax.swing.JLabel();

txtNama = new javax.swing.JTextField();

lblAlamat = new javax.swing.JLabel();

txtAlamat = new javax.swing.JTextField();

lblJenisKelamin = new javax.swing.JLabel();

cmbJenisKelamin = new javax.swing.JComboBox<>();

lblGolDarah = new javax.swing.JLabel();

cmbGolDarah = new javax.swing.JComboBox<>();

lblPoli = new javax.swing.JLabel();

cmbPoli = new javax.swing.JComboBox<>();

btnSimpan = new javax.swing.JButton();

btnBaca = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

txtAreaOutput = new javax.swing.JTextArea();

btnKeluar = new javax.swing.JButton();

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

setTitle("Program Data Pasien");

lblNoRM.setText("No RM");

lblNama.setText("Nama Pasien");

lblAlamat.setText("Alamat");

lblJenisKelamin.setText("Jenis Kelamin");

cmbJenisKelamin.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Pria", "Wanita" }));

lblGolDarah.setText("Golongan Darah");

cmbGolDarah.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "A", "B", "AB", "O" }));

lblPoli.setText("Poli Spesialis");

cmbPoli.setModel(

new javax.swing.DefaultComboBoxModel<>(

new String[] { "Penyakit Dalam", "THT", "Anak", "Kandungan" }));

btnSimpan.setText("Simpan");

btnSimpan.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent evt) {

btnSimpanActionPerformed(evt);

}

});

btnBaca.setText("Baca Data");

btnBaca.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent evt) {

btnBacaActionPerformed(evt);

}

});

txtAreaOutput.setEditable(false);

txtAreaOutput.setColumns(20);

txtAreaOutput.setRows(5);

jScrollPane1.setViewportView(txtAreaOutput);

btnKeluar.setText("Keluar");

btnKeluar.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent evt) {

btnKeluarActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(

javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblNoRM)

.addComponent(lblNama)

.addComponent(lblAlamat)

.addComponent(lblJenisKelamin)

.addComponent(lblGolDarah)

.addComponent(lblPoli))

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.LEADING,

false)

.addComponent(txtNoRM)

.addComponent(txtNama)

.addComponent(txtAlamat)

.addComponent(cmbJenisKelamin,

0,

javax.swing.GroupLayout.DEFAULT\_SIZE,

Short.MAX\_VALUE)

.addComponent(cmbGolDarah,

0,

javax.swing.GroupLayout.DEFAULT\_SIZE,

Short.MAX\_VALUE)

.addComponent(cmbPoli,

0,

200,

Short.MAX\_VALUE)))

.addComponent(btnSimpan)

.addComponent(btnBaca))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(

javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jScrollPane1,

javax.swing.GroupLayout.DEFAULT\_SIZE,

226,

Short.MAX\_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,

layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(btnKeluar)))

.addContainerGap()));

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(

javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblNoRM)

.addComponent(txtNoRM,

javax.swing.GroupLayout.PREFERRED\_SIZE,

javax.swing.GroupLayout.DEFAULT\_SIZE,

javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblNama)

.addComponent(txtNama,

javax.swing.GroupLayout.PREFERRED\_SIZE,

javax.swing.GroupLayout.DEFAULT\_SIZE,

javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblAlamat)

.addComponent(txtAlamat,

javax.swing.GroupLayout.PREFERRED\_SIZE,

javax.swing.GroupLayout.DEFAULT\_SIZE,

javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblJenisKelamin)

.addComponent(cmbJenisKelamin,

javax.swing.GroupLayout.PREFERRED\_SIZE,

javax.swing.GroupLayout.DEFAULT\_SIZE,

javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblGolDarah)

.addComponent(cmbGolDarah,

javax.swing.GroupLayout.PREFERRED\_SIZE,

javax.swing.GroupLayout.DEFAULT\_SIZE,

javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout

.createParallelGroup(

javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblPoli)

.addComponent(cmbPoli,

javax.swing.GroupLayout.PREFERRED\_SIZE,

javax.swing.GroupLayout.DEFAULT\_SIZE,

javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(btnSimpan)

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(btnBaca)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1,

javax.swing.GroupLayout.DEFAULT\_SIZE,

250,

Short.MAX\_VALUE)

.addPreferredGap(

javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(btnKeluar)))

.addContainerGap()));

pack();

}

private void btnSimpanActionPerformed(ActionEvent evt) {

String noRM = txtNoRM.getText();

String nama = txtNama.getText();

String alamat = txtAlamat.getText();

String jenisKelamin = (String) cmbJenisKelamin.getSelectedItem();

String golDarah = (String) cmbGolDarah.getSelectedItem();

String poli = (String) cmbPoli.getSelectedItem();

Pasien pasien = new Pasien(noRM, nama, alamat, jenisKelamin, golDarah, poli);

dataPasien.add(pasien);

JOptionPane.showMessageDialog(this, "Data Pasien telah disimpan.");

clearForm();

}

private void btnBacaActionPerformed(ActionEvent evt) {

displayDataPasien();

displayDataPasienText();

}

private void btnKeluarActionPerformed(ActionEvent evt) {

System.exit(0);

}

private void clearForm() {

txtNoRM.setText("");

txtNama.setText("");

txtAlamat.setText("");

cmbJenisKelamin.setSelectedIndex(0);

cmbGolDarah.setSelectedIndex(0);

cmbPoli.setSelectedIndex(0);

}

private void displayDataPasien() {

System.out.println("Data Pasien:");

for (Pasien pasien : dataPasien) {

System.out.println("No RM: " + pasien.getNoRM());

System.out.println("Nama: " + pasien.getNama());

System.out.println("Alamat: " + pasien.getAlamat());

System.out.println("Jenis Kelamin: " + pasien.getJenisKelamin());

System.out.println("Golongan Darah: " + pasien.getGolDarah());

System.out.println("Poli Spesialis: " + pasien.getPoli());

System.out.println("-----------------------");

}

}

private void displayDataPasienText() {

txtAreaOutput.setText("");

for (Pasien pasien : dataPasien) {

txtAreaOutput.append("No RM: " + pasien.getNoRM() + "\n");

txtAreaOutput.append("Nama: " + pasien.getNama() + "\n");

txtAreaOutput.append("Alamat: " + pasien.getAlamat() + "\n");

txtAreaOutput.append("Jenis Kelamin: " + pasien.getJenisKelamin() + "\n");

txtAreaOutput.append("Golongan Darah: " + pasien.getGolDarah() + "\n");

txtAreaOutput.append("Poli Spesialis: " + pasien.getPoli() + "\n");

txtAreaOutput.append("-----------------------\n");

}

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new DataPasienProgram().setVisible(true);

}

});

}

private javax.swing.JButton btnBaca;

private javax.swing.JButton btnKeluar;

private javax.swing.JButton btnSimpan;

private javax.swing.JComboBox<String> cmbGolDarah;

private javax.swing.JComboBox<String> cmbJenisKelamin;

private javax.swing.JComboBox<String> cmbPoli;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JLabel lblAlamat;

private javax.swing.JLabel lblGolDarah;

private javax.swing.JLabel lblJenisKelamin;

private javax.swing.JLabel lblNama;

private javax.swing.JLabel lblNoRM;

private javax.swing.JLabel lblPoli;

private javax.swing.JTextArea txtAreaOutput;

private javax.swing.JTextField txtAlamat;

private javax.swing.JTextField txtNama;

private javax.swing.JTextField txtNoRM;

}

public class Pasien {

private String noRM;

private String nama;

private String alamat;

private String jenisKelamin;

private String golDarah;

private String poli;

public Pasien(String noRM, String nama, String alamat, String jenisKelamin, String golDarah, String poli) {

this.noRM = noRM;

this.nama = nama;

this.alamat = alamat;

this.jenisKelamin = jenisKelamin;

this.golDarah = golDarah;

this.poli = poli;

}

public String getNoRM() {

return noRM;

}

public String getNama() {

return nama;

}

public String getAlamat() {

return alamat;

}

public String getJenisKelamin() {

return jenisKelamin;

}

public String getGolDarah() {

return golDarah;

}

public String getPoli() {

return poli;

}

}







