Explicación del funcionamiento de la aplicación.

Interfaz de usuario gráfica

Descripción generada automáticamente

En esta ventana se pondrá los datos del usuario si estas registrado de lo contrario deberías de registrarte en el botón registrar.

Imagen que contiene Tabla

Descripción generada automáticamente

Aquí ponemos los datos nuestros para poder lograr el registro en la aplicación.

Tabla

Descripción generada automáticamente

Y aquí se mostrarán todos los registros de usuarios que existen en la app. En la misma se podrá realizar cualquier actualización dándole doble clic al campo que queremos actualizar. Luego salir del campo y darle al botón actualizar, así se lograría la actualización deseada. De igual en el botón eliminar podremos eliminar cualquier usuario que queramos.

Explicación técnica.

En esta explicación se comentó cada función de los códigos utilizados para la realización de esta aplicación.

Login

package formulario;

import java.sql.\*;

//import com.mysql.cj.protocol.Resultset;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author Usuario

\*/

public class Login extends javax.swing.JFrame { //clase para heredar los componentes de JFrame como botones etc.

/\*\*

\* metodo constructor este tiene los campos obligatorios para la creaccion del objeto.

\*/

public Login() {

initComponents(); // para poder ver los componentes de Jframe.

this.setLocationRelativeTo(null); //centrar el formulario en la pantalla

}

public void Login(){

PreparedStatement ps; //este se encarga de ejecutar el codigo de SQL que ponga dentro del mismo.

ResultSet rs; //este se encarga de guardar el resultado de la busqueda dentro de el.

//las dos variables para validar que estas registrado

String usuario = txtUsuario.getText();

String pasword = String.valueOf(pswPasword.getPassword());

//este es el query que se va a ejecutar.

String consulta = "Select \* from registro where usuario =? and pasword =?";

try {

ps = Conexion.getConnection().prepareStatement(consulta); //esto hace referencia a mi clase conexion

//este sera el orden que hara la busqueda para validar.

ps.setString(1,usuario);

ps.setString(2,pasword);

//este guardara el resultado de toda la busquedad.

rs = ps.executeQuery();

if (rs.next()){

JOptionPane.showMessageDialog(null,"Bienvenido "+usuario);

//itera un nuevo objeto de la clase mostrardatos para mostrar otra ventana

mostrardatos md = new mostrardatos();

md.setVisible(true);

md.pack(); // hace que el codigo se compacte para que sean visible todos los compoentes que esten dentro de el

md.setLocationRelativeTo(null); //posiciona el frame en el centro de la pantalla al pasarle null como parametro

this.dispose(); //cierra la pagina login

}

else if(usuario.equals("")){

JOptionPane.showMessageDialog(null,"Favor ingrese el nombre de usuario");

}

else if(pasword.equals("")){

JOptionPane.showMessageDialog(null,"Favor ingrese la Contraseña");

}

else{

JOptionPane.showMessageDialog(null,"Usuario o Contraseña son erroneos, sino esta registrado debe registrarse");

}

} catch (SQLException ex) {

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

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

btnClose = new javax.swing.JButton();

jPanel2 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

txtUsuario = new javax.swing.JTextField();

pswPasword = new javax.swing.JPasswordField();

btnLogin = new javax.swing.JButton();

btnRegistrar = new javax.swing.JButton();

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

setUndecorated(true);

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setBackground(new java.awt.Color(0, 153, 204));

jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 36)); // NOI18N

jLabel1.setText("Login");

btnClose.setBackground(new java.awt.Color(255, 0, 0));

btnClose.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N

btnClose.setText("x");

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

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

btnCloseActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap(150, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 127, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(72, 72, 72)

.addComponent(btnClose)

.addGap(16, 16, 16))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(btnClose)

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

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 400, 50));

jPanel2.setBackground(new java.awt.Color(204, 204, 204));

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel2.setText("Usuario:");

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel3.setText("Contraseña:");

btnLogin.setText("Login");

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

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

btnLoginActionPerformed(evt);

}

});

btnRegistrar.setText("Registar");

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

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

btnRegistrarActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(41, 41, 41)

.addComponent(jLabel2)

.addGap(43, 43, 43))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel3)

.addGap(18, 18, 18)))

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(txtUsuario, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(pswPasword, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(80, Short.MAX\_VALUE))

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnLogin, javax.swing.GroupLayout.PREFERRED\_SIZE, 80, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(42, 42, 42)

.addComponent(btnRegistrar)

.addGap(70, 70, 70))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(42, 42, 42)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtUsuario, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2))

.addGap(28, 28, 28)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(pswPasword, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 26, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnLogin, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnRegistrar, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(31, 31, 31))

);

getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 50, 390, 220));

pack();

}// </editor-fold>

// evento para cuando se de click al boton salga del ejecutable

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

System.exit(0);

}

// Evento para cuando se de click abra otra ventana con el formulario de registro

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

Registro rgs = new Registro();

rgs.setVisible(true);

rgs.pack(); // hace que el codigo se compacte para que sean visible todos los compoentes que esten dentro de el

rgs.setLocationRelativeTo(null); //posiciona el frame en el centro de la pantalla al pasarle null como parametro

this.dispose();//libera el espacio ocupado por un objeto

}

//

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

Login();

}

/\*\*Metodo main para k los botones se vean.

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

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

public void run() {

new Login().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnClose;

private javax.swing.JButton btnLogin;

private javax.swing.JButton btnRegistrar;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPasswordField pswPasword;

private javax.swing.JTextField txtUsuario;

// End of variables declaration

}

Registro

package formulario;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author Usuario

\*/

public class Registro extends javax.swing.JFrame {

/\*\*

\* Creates new form Registro

\*/

public Registro() {

initComponents();

}

public void Crear (){

//se crean unas variables para que almacenen los datos de las cajas de texto

String usuario = txtUsuario.getText();

String nombre = txtNombre.getText();

String apellido = txtApellido.getText();

String telefono = txtTelefono.getText();

String correo = txtCorreo.getText();

String pasword = String.valueOf(pswPasword.getPassword());

String confirmar = String.valueOf(pswConfirmar.getPassword());

// CONDICIONALES para evaluar si los valores se dejaron en blanco y muestre en pantalla un mensaje

if (usuario.equals("")){

JOptionPane.showMessageDialog(null, "Favor ingresar nombre de Usuario");

}

else if(nombre.equals("")){

JOptionPane.showMessageDialog(null, "Favor ingresar Nombre");

}

else if(apellido.equals("")){

JOptionPane.showMessageDialog(null, "Favor ingresar Apellido");

}

else if(telefono.equals("")){

JOptionPane.showMessageDialog(null, "Favor ingresar numero de Telefono");

}

else if(correo.equals("")){

JOptionPane.showMessageDialog(null, "Favor ingresar su Correo electronico");

}

else if(pasword.equals("")){

JOptionPane.showMessageDialog(null, "Favor ingresar una Contraseña");

}

else if(!pasword.equals(confirmar)){

JOptionPane.showMessageDialog(null, "La Contraseña no coincide");

}

else {

//se crea una variable st de tipo preparedstatement( es una declaracion sql precompilada)

PreparedStatement pt;

//se crea la variable consulta y se le asigna la consulta sql que va a realizar

String consulta = "INSERT INTO registro(usuario,nombre,apellido,telefono,correo,pasword) values (?,?,?,?,?,?);";

//en un try catch se asigna a la variabl st el metodo getcnnection mas la sentencia sql que insertamos en la variable consulta

try {

pt = Conexion.getConnection().prepareStatement(consulta);

//se asigna el orden o posicion en el que se va a ir ejecutando las variables

pt.setString(1, usuario);

pt.setString(2, nombre);

pt.setString(3, apellido);

pt.setString(4, telefono);

pt.setString(5, correo);

pt.setString(6, pasword);

//se evalua si se realiza la consulta en sql de ser asi se despliega el mensaje en pantalla

if (pt.executeUpdate() > 0){

JOptionPane.showMessageDialog(null, "Nuevo usuario agregado");

mostrardatos md = new mostrardatos();

md.setVisible(true);

md.pack(); // hace que el codigo se compacte para que sean visible todos los compoentes que esten dentro de el

md.setLocationRelativeTo(null); //posiciona el frame en el centro de la pantalla al pasarle null como parametro

this.dispose();

}

} catch (SQLException ex) {

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

}

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

btnClose = new javax.swing.JButton();

jPanel2 = new javax.swing.JPanel();

lblUsuario = new javax.swing.JLabel();

txtUsuario = new javax.swing.JTextField();

lblNombre = new javax.swing.JLabel();

lblApellido = new javax.swing.JLabel();

lblTelefono = new javax.swing.JLabel();

lblCorreo = new javax.swing.JLabel();

lblPasword = new javax.swing.JLabel();

lblConfirmar = new javax.swing.JLabel();

txtNombre = new javax.swing.JTextField();

txtTelefono = new javax.swing.JTextField();

txtCorreo = new javax.swing.JTextField();

txtApellido = new javax.swing.JTextField();

pswPasword = new javax.swing.JPasswordField();

pswConfirmar = new javax.swing.JPasswordField();

btnIngresar = new javax.swing.JButton();

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

setUndecorated(true);

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setBackground(new java.awt.Color(0, 153, 204));

jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 36)); // NOI18N

jLabel1.setText("Registro");

btnClose.setBackground(new java.awt.Color(255, 0, 0));

btnClose.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N

btnClose.setText("ATRAS");

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

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

btnCloseActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap(125, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 127, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(118, 118, 118)

.addComponent(btnClose)

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnClose, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addContainerGap())

);

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 450, 50));

jPanel2.setBackground(new java.awt.Color(204, 204, 204));

lblUsuario.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

lblUsuario.setText("Usuario:");

lblNombre.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

lblNombre.setText("Nombre:");

lblApellido.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

lblApellido.setText("Apellido:");

lblTelefono.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

lblTelefono.setText("Telefono:");

lblCorreo.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

lblCorreo.setText("Correo:");

lblPasword.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

lblPasword.setText("Contraseña:");

lblConfirmar.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

lblConfirmar.setText("Confirmar contraseña:");

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

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

pswConfirmarActionPerformed(evt);

}

});

btnIngresar.setText("Ingresar");

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

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

btnIngresarActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnIngresar, javax.swing.GroupLayout.PREFERRED\_SIZE, 90, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(42, 42, 42)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblNombre)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblApellido)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblTelefono)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(lblConfirmar)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(pswConfirmar))

.addComponent(lblCorreo)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(lblPasword)

.addGap(18, 18, 18)

.addComponent(pswPasword, javax.swing.GroupLayout.PREFERRED\_SIZE, 203, javax.swing.GroupLayout.PREFERRED\_SIZE))))))

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(lblUsuario)

.addGap(42, 42, 42)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(txtUsuario, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtNombre, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtTelefono, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtCorreo, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtApellido, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(93, Short.MAX\_VALUE))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap(75, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(lblUsuario)

.addComponent(txtUsuario, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblNombre, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(txtNombre, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblApellido, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(txtApellido, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblTelefono, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(txtTelefono, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lblCorreo, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(txtCorreo, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(26, 26, 26)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblPasword)

.addComponent(pswPasword, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lblConfirmar)

.addComponent(pswConfirmar, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(btnIngresar, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

);

getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 50, 450, 470));

pack();

}// </editor-fold>

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

Login lg = new Login();

lg.setVisible(true);

lg.pack(); // hace que el codigo se compacte para que sean visible todos los compoentes que esten dentro de el

lg.setLocationRelativeTo(null); //posiciona el frame en el centro de la pantalla al pasarle null como parametro

this.dispose();

}

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

// TODO add your handling code here:

}

//programacion del evento para realizar el registro

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

Crear ();

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Registro.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Registro.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Registro.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Registro.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

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

public void run() {

new Registro().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnClose;

private javax.swing.JButton btnIngresar;

private javax.swing.JLabel jLabel1;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JLabel lblApellido;

private javax.swing.JLabel lblConfirmar;

private javax.swing.JLabel lblCorreo;

private javax.swing.JLabel lblNombre;

private javax.swing.JLabel lblPasword;

private javax.swing.JLabel lblTelefono;

private javax.swing.JLabel lblUsuario;

private javax.swing.JPasswordField pswConfirmar;

private javax.swing.JPasswordField pswPasword;

private javax.swing.JTextField txtApellido;

private javax.swing.JTextField txtCorreo;

private javax.swing.JTextField txtNombre;

private javax.swing.JTextField txtTelefono;

private javax.swing.JTextField txtUsuario;

// End of variables declaration

}

Mostrar datos

package formulario;

import java.sql.\*;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author Usuario

\*/

public class mostrardatos extends javax.swing.JFrame {

/\*\*

\* Creates new form mostrardatos

\*/

public mostrardatos() {

initComponents();

mostrarDatos();

}

//metodo para mostrar datos

public void mostrarDatos(){

//se instancia un objeto de la clase logica para acceder a su metodo mostrarDatos

Logica log = new Logica();

log.mostrarDatos();

jTable1.setModel(log.mostrarDatos());

}//cerrar mostrar datos

//metodo para actualizar los datos mostrados

public void actualizarDatos(){

// se crea variable para que se le asigne el valor de la fila seleccionada

int fila = jTable1.getSelectedRow();

// se declaran variables para obtener los valores de la fila seleccionada

int id = Integer.parseInt(this.jTable1.getValueAt(fila, 0).toString());

String usuario = jTable1.getValueAt(fila, 1).toString();

String nombre = jTable1.getValueAt(fila, 2).toString();

String apellido = jTable1.getValueAt(fila, 3).toString();

String telefono = jTable1.getValueAt(fila, 4).toString();

String correo = jTable1.getValueAt(fila, 5).toString();

String pasword = jTable1.getValueAt(fila, 6).toString();

try {

PreparedStatement ps = null;

String consulta = "update registro set usuario='"+usuario+"',nombre='"+nombre+"',apellido='"+apellido+"',telefono='"+telefono+"',correo='"+correo+"',pasword='"+pasword+"' where id ='"+id+"'";

ps = Conexion.getConnection().prepareStatement(consulta);

ps.executeUpdate();

mostrarDatos();

JOptionPane.showMessageDialog(null, "Actualizacion realizada");

} catch (Exception e) {

JOptionPane.showMessageDialog(null, "Error al actualizar");

}

} // cerrar actualizar Datos

public void eliminarDatos(){

int fila = jTable1.getSelectedRow();

String registro = jTable1.getValueAt(fila, 0).toString();

try {

PreparedStatement ps = null;

ps = Conexion.getConnection().prepareStatement("delete from registro where id ='"+registro+"'");

ps.executeUpdate();

mostrarDatos();

} catch (Exception e) {

JOptionPane.showMessageDialog(null, "Error al eliminar");

}

}// cerrar eliminarDatos

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

btnClose = new javax.swing.JButton();

jPanel2 = new javax.swing.JPanel();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

btnEliminar = new javax.swing.JButton();

btnActualizar = new javax.swing.JButton();

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

setBackground(new java.awt.Color(204, 204, 204));

setUndecorated(true);

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setBackground(new java.awt.Color(0, 153, 204));

jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 36)); // NOI18N

jLabel1.setText("Mostar registros");

btnClose.setBackground(new java.awt.Color(255, 0, 0));

btnClose.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N

btnClose.setText("x");

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

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

btnCloseActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap(167, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 303, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(49, 49, 49)

.addComponent(btnClose)

.addGap(16, 16, 16))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(btnClose))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 570, 50));

jPanel2.setBackground(new java.awt.Color(204, 204, 204));

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

{null, null, null, null},

{null, null, null, null},

{null, null, null, null},

{null, null, null, null}

},

new String [] {

"Title 1", "Title 2", "Title 3", "Title 4"

}

));

jTable1.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jTable1MouseClicked(evt);

}

});

jScrollPane1.setViewportView(jTable1);

btnEliminar.setText("Eliminar");

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

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

btnEliminarActionPerformed(evt);

}

});

btnActualizar.setText("Actualizar");

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

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

btnActualizarActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 558, Short.MAX\_VALUE)

.addContainerGap())

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(btnActualizar)

.addGap(44, 44, 44)

.addComponent(btnEliminar, javax.swing.GroupLayout.PREFERRED\_SIZE, 80, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 291, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnEliminar, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnActualizar, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(33, 33, 33))

);

getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 50, 570, 340));

pack();

}// </editor-fold>//GEN-END:initComponents

private void btnCloseActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnCloseActionPerformed

Login lg = new Login();

lg.setVisible(true);

lg.pack(); // hace que el codigo se compacte para que sean visible todos los compoentes que esten dentro de el

lg.setLocationRelativeTo(null); //posiciona el frame en el centro de la pantalla al pasarle null como parametro

this.dispose();

}//GEN-LAST:event\_btnCloseActionPerformed

private void btnActualizarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnActualizarActionPerformed

actualizarDatos();

}//GEN-LAST:event\_btnActualizarActionPerformed

private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jTable1MouseClicked

}//GEN-LAST:event\_jTable1MouseClicked

private void btnEliminarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnEliminarActionPerformed

eliminarDatos();

}//GEN-LAST:event\_btnEliminarActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(mostrardatos.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(mostrardatos.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(mostrardatos.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(mostrardatos.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

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

public void run() {

new mostrardatos().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton btnActualizar;

private javax.swing.JButton btnClose;

private javax.swing.JButton btnEliminar;

private javax.swing.JLabel jLabel1;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

// End of variables declaration//GEN-END:variables

}

Logica

package formulario;

import java.sql.\*;

import java.sql.PreparedStatement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author Usuari

\*/

public class Logica {

//este es el metodo DefaultTableModel

public DefaultTableModel mostrarDatos(){

String [] columnas = {"id","Usuario","nombre","apellido","telefono","correo","pasword"}; //se crea un arreglo con los nombres de las columnas

String [] datos = new String[7]; //se crea otro arreglo donde se van a ir almacenando los registros con 7 posiciones en la columnas

DefaultTableModel modelo = new DefaultTableModel(null,columnas);//aqui estoy instanciando de la clase DefaultTableModel.

String consulta = "select \* from registro"; //se crea variable con el codigo sql a ejecutar

PreparedStatement ps = null;

ResultSet rs = null;

try{

//establece la conexion y un codigo a ejecutar sql

ps = Conexion.getConnection().prepareStatement(consulta);

rs = ps.executeQuery(); //aca se ejecuta todo el codigo y lo trae

//se van iterando los valores que este encontrando en las posiciones por eso esta dentro de un bucle while

while(rs.next()){

datos[0] = rs.getString("id");

datos[1] = rs.getString("Usuario");

datos[2] = rs.getString("nombre");

datos[3] = rs.getString("apellido");

datos[4] = rs.getString("telefono");

datos[5] = rs.getString("correo");

datos[6] = rs.getString("pasword");

modelo.addRow(datos);//luego de recorrer las posiciones se va a agregar en la variable modelo una nueva fila

}

} catch (SQLException ex) {

JOptionPane.showMessageDialog(null, "error al conectar");

}

return modelo;

}

}// cierre clase logica