



INSTITUTO TECNOLÓGICO DE DURANGO

DEPARTAMENTO DE SISTEMAS Y COMPUTACIÓN

ING SISTEMAS COMPUTACIONALES

INGENIERÍA DE SOFTWARE

UNIDAD 4

Manual Técnico

Alumnos:

- Misael Hernández Villarreal 12041143
- Mauricio Alejandro Martínez Pacheco 12041156

Grupo: 6Y

Nombre del profesor: Mayela Del Rayo Lechuga Nevarez

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INTRODUCCIÓN

En la actualidad la mayoría de las empresas u organizaciones buscan cada vez más el automatizar procesos para hacer mucho más fácil su forma de trabajar y sobre todo aumentar su calidad y perspectiva del mejor servicio hacia sus clientes, además de generar ventajas por sobre la competencia y así ser la mejor empresa en el área que radique. También otro factor que tiene muy alerta a las empresas es el de cómo ha avanzado la tecnología en los últimos años siendo así que la mayoría de las personas cuentan con teléfonos inteligentes de los cuales últimamente se les ha sacado mucho provecho.

Por ello en este documento se presentara una propuesta de un sistema en el cual se pretende agilizar de una mejor manera el control sobre todo lo relacionado dentro de una pizzería, desde el levantar el pedido del cliente hasta el momento en el que se le entrega su pizza, además de tener un mejor control sobre sus inventarios y sobre el personal que labora en él.

Además se presentara una propuesta algo innovadora en el que el cliente podrá realizar el pedido de su pizza por medio de una aplicación móvil basada en Android en la que podrá compartir su ubicación, para evitar los tediosos formularios de llenado de datos, además de que tendrá una interfaz muy sencilla, amigable pero sobre todo funcional tanto para el usuario de la aplicación como para la compañía para así evitar contratiempos a la hora de realizar el pedido de una pizza o contratiempos para saber la ubicación donde entregarla, logrando de este modo una mayor satisfacción para el cliente y aumentando la calidad de servicio de la empresa.

También en el siguiente documento revisaremos cuales son los requisitos que deben de tener los equipos donde será instalado el sistema, además del código de todo el sistema y algunas recomendaciones para el o los encargados de administrar, mantener o modificar dicho sistema.



REQUERIMIENTOS DE HARDWARE Y SOFTWARE

Los requerimientos para el software de escritorio que estará en la tienda serian:

- Mínimo 128 MB de RAM
- 1.5 GB espacio libre en disco
- Tarjeta gráfica (no tiene que ser muy buena)
- Cualquier Sistema operativo que soporte JAVA
- Tener JAVA instalado
- Conexión de internet
- Espacio en disco: 124 MB para JRE; 2 MB para Java Update
- Procesador: Mínimo Pentium 2 a 266 MHz
- Exploradores: Internet Explorer 7.0 y superior, Firefox 3.6 y superior,
- Navegador Google Chrome o equivalente

En cuanto a las personas que quieran descargar la APP deberán de tener un dispositivo que tenga Android 4.2.2 o superior y para los que deseen realizar pedidos por medio de la aplicación asegurarse que su dispositivo cuente con GPS o servicios de localización.

INSTALACIÓN

Para poder utilizar, ver o modificar todo el código del sistema es muy importante contar con dos plataformas fundamentales las cuales son:

1. Cualquier editor o compilador de Java pero que de preferencia sea Netbeans ya que en él fue desarrollado en su totalidad, sobre todo la interfaz gráfica, teniendo un mejor control sobre él.
2. Conexión a internet o tener instalado algún sistema gestor de bases de datos como el XAMPP para poder visualizar y controlar la base de datos.
3. Para ejecutar las aplicaciones podemos extraer el contenido del programa en donde se desee y abrir de esta manera los archivos .JAR para poder abrir las aplicaciones de escritorio según el puesto y maquina en el que se esté trabajando.
4. Para la aplicación móvil podemos instalarla directamente desde la Play Store que viene integrada en los dispositivos móviles con Android



buscándola con el nombre de “Chulos Pizza” e instalándola como cualquier otra aplicación.

5. Otra opción de instalación del sistema es siguiendo los pasos que se verán en el manual de usuario como se muestra en la siguiente imagen:

SISTEMA

ESCRITORIO

INSTALACION

Design Preview [instalacion]

Elige sistema a instalar:

- ☐ Caja
- ☐ Cocinero
- ☐ Repartidor
- ☐ Inventario
- ☐ Gerente

Elige ruta

/home

Examinar..

Aceptar

Cancelar

Para instalar el sistema:

- Inserte el disco de instalación y se abrirá el anterior dialogo
- Eliga el tipo de sistema a instalar
- Seleccione una ruta o deje la default
- Presione el botón aceptar, el programa lo hará por usted



DIAGRAMA GENERAL DEL SISTEMA

Gerente

Primeramente creamos dos clases que nos serán de gran ayuda para la creación de las demás ventanas para de esta manera poder realizar funciones como lo son las respectivas conexiones del sistema a la base de datos, así como también como para usar los FileChooser para poder guardar o subir archivos.

Código BasedeDatosManager

```
package Funciones;
import java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
public class BasededatosManager {
    public BasededatosManager(){
    }
    //Metodo regresa conexion
    public Connection getConexion(String basededatos)
    {
        Connection conexion=null;
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            String servidor = "jdbc:mysql://128.199.58.57:3306/"+basededatos;
            conexion= DriverManager.getConnection(servidor,"chulo","chulospizza");
        }
        catch(ClassNotFoundException ex)
        {
        }
```



```
JOptionPane.showMessageDialog(null, ex, "Error clase no
encontrada"+ex.getMessage(), JOptionPane.ERROR_MESSAGE);
    conexion=null;
}
catch(SQLException ex)
{
    JOptionPane.showMessageDialog(null, ex, "Error SQL"+ex.getMessage(),
JOptionPane.ERROR_MESSAGE);
    conexion=null;
}
catch(Exception ex)
{
    JOptionPane.showMessageDialog(null, ex, "Error
Excepcion"+ex.getMessage(), JOptionPane.ERROR_MESSAGE);
    conexion=null;
}
finally
{
    return conexion;
}
}

public boolean ejecutar(String sql) {
    try {
        Statement sentencia =
getConexion("chulospizza").createStatement(ResultSet.TYPE_FORWARD_ONLY,
ResultSet.CONCUR_READ_ONLY);
        sentencia.executeUpdate(sql);
        sentencia.close();
    } catch (SQLException e) {
        e.printStackTrace();
        return false;
    }
}
```



```
    }    return true;
}

public ResultSet consultar(String sql) {
    ResultSet resultado;
    try {
        Statement sentencia =
getConexion("chulospizza").createStatement(ResultSet.TYPE_FORWARD_ONLY,
ResultSet.CONCUR_READ_ONLY);
        resultado = sentencia.executeQuery(sql);
    } catch (SQLException e) {
        e.printStackTrace();
        return null;
    }
    return resultado;
}

//Método para llenar jTable1 mediante consultas SQL
public DefaultTableModel llenarTabla(int numcolumnas, String [] nomcolumnas,
ResultSet consulta){
    DefaultTableModel modelo=new DefaultTableModel();
    //Se crean las columnas del modelo dependiendo de los parametros que se le
manden al método
    for(int i=0; i<numcolumnas;i++){
        modelo.addColumn(nomcolumnas[i]);
    }
    try {
        //El ciclo while recorre el objeto resultset y va metiendo las filas de la
consulta en el modelo
        while(consulta.next()){
            Object [] fila=new Object[numcolumnas];
            for(int i=0;i<numcolumnas;i++){
                //El primer indice en un ResultSet es el 1 por lo que hay que sumar
                uno
            }
        }
    }
}
```




```
        fila[i]=consulta.getObject(i+1);
    }
    modelo.addRow(fila);
}
} catch (SQLException ex) {
    Logger.getLogger(BasededatosManager.class.getName()).log(Level.SEVERE, null, ex);
}
return modelo;
}
}
```

Código FileChuser

```
package Funciones;
import java.io.File;
import javax.swing.JFileChooser;
import javax.swing.JFrame;
public class FileChuser {
    JFileChooser chooser = new JFileChooser();
    JFrame frame;

    public FileChuser() {

    }

    public String obtenerDirectorio(String extension){
        String directorio="";
        chooser.setDialogTitle("Guardar");
        chooser.setMultiSelectionEnabled(false);
        int sel = chooser.showSaveDialog(null);
        if (sel == JFileChooser.APPROVE_OPTION) {
            File selectedFile = chooser.getSelectedFile();
        }
    }
}
```



```
        directorio=selectedFile.getAbsolutePath()+extension;
    }
    return directorio;
}
}
```

Código Ventana Login del Gerente: Código de ventana del inicio de sesión en donde se pedirán los datos del gerente.

```
package Interfaces;
import Funciones.BasededatosManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
public class Login extends javax.swing.JFrame {
    String usuario = "";
    String contraseña = "";
    public Login() {
        initComponents();
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents
    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
    }
}
```



```
txtuser = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
txtcontraseña = new javax.swing.JPasswordField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Chulo's Pizza - Login");
setResizable(false);

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

jLabel2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/Logo
principal.png"))); // NOI18N
jLabel2.setText("jLabel2");

jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 48)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 51));
jLabel1.setText("Inicio de Sesión");

jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
jLabel3.setText("Usuario:");

jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
jLabel4.setText("Contraseña:");

txtuser.setBackground(new java.awt.Color(255, 204, 0));
txtuser.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
txtuser.addActionListener(new java.awt.event.ActionListener() {
```



```

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                    .addContainerGap()
                    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE, true)
                    .addContainerGap())
        );
    }
}

```



```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)  
  
                                .addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE,                134,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addGap(288, 288, 288))  
  
    .addGroup(jPanel1Layout.createSequentialGroup())  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING)  
  
            .addGroup(jPanel1Layout.createSequentialGroup())  
  
                .addGap(39, 39, 39)  
  
                    .addComponent(jLabel2,  
javax.swing.GroupLayout.PREFERRED_SIZE,                205,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                        .addGap(43, 43, 43)  
  
                            .addComponent(jLabel1))  
  
                                .addGroup(jPanel1Layout.createSequentialGroup())  
  
                                    .addGap(96, 96, 96)  
  
                                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
ayout.Alignment.LEADING)  
  
                                            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())  
  
                                                .addComponent(jLabel3)  
  
                                                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem  
ent.UNRELATED)  
  
                                                        .addComponent(txtuser,  
javax.swing.GroupLayout.PREFERRED_SIZE,                418,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
                                                            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())  
  
                                                                .addComponent(jLabel4)  
  
                                                                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem  
ent.UNRELATED)
```



```
.addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))
    .addContainerGap(77, Short.MAX_VALUE))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(65, 65, 65)
                    .addComponent(jLabel1)
                    .addGap(70, 70, 70))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                    .addContainerGap()
                        .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(40, 40, 40)))
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(txtuser,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(jLabel3))
                        .addGap(45, 45, 45)
                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                            .addComponent(jLabel4)
```



```
.addComponent(txtcontraseña,
javafx.swing.GroupLayout.PREFERRED_SIZE,
javafx.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(40, 40, 40)

        .addComponent(jButton1,
javafx.swing.GroupLayout.PREFERRED_SIZE,
javafx.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(49, Short.MAX_VALUE))
    );

    javafx.swing.GroupLayout layout = new
javafx.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jPanel1, javafx.swing.GroupLayout.Alignment.TRAILING,
javafx.swing.GroupLayout.PREFERRED_SIZE,
javafx.swing.GroupLayout.DEFAULT_SIZE,
javafx.swing.GroupLayout.PREFERRED_SIZE)
        );
    layout.setVerticalGroup(
        layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jPanel1, javafx.swing.GroupLayout.DEFAULT_SIZE,
javafx.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

    pack();
} // </editor-fold> // GEN-END: initComponents

private void txtuserActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_txtuserActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_txtuserActionPerformed
```



```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
try {
```

```
BasededatosManager bd=new BasededatosManager();
```

```
ResultSet consultaempleado=bd.consultar("SELECT idEmpleados FROM Empleados WHERE usuario='"+txtuser.getText()+" AND pass='"+txtcontraseña.getText()+" AND puestos_idpuestos=2;");
```

```
if(consultaempleado.first()){
```

```
int idempleado = consultaempleado.getInt("idEmpleados");
```

```
//if(idempleado==2){
```

```
GerentePrincipal g = new GerentePrincipal(idempleado);
```

```
g.setVisible(true);
```

```
setVisible(false);
```

```
//}
```

```
}
```

```
else{
```

```
JOptionPane.showMessageDialog(null, "Datos Incorrectos");
```

```
}
```

```
} catch (SQLException ex) {
```

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

```
}
```

```
//GEN-LAST:event_jButton1ActionPerformed
```

```
private void txtcontraseñaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_txtcontraseñaActionPerformed
```

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

```
//GEN-LAST:event_txtcontraseñaActionPerformed
```

```
/**
```




```
* @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.loggi
ng.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.loggi
ng.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//GEN-BEGIN:variables
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JPanel jPanel1;
private javax.swing.JPasswordField txtcontraseña;
private javax.swing.JTextField txtuser;
// End of variables declaration//GEN-END:variables
}
```

Código Ventana GerentePrincipal: Código de ventana donde aparece el menú de opciones de las operaciones principales a realizar por el gerente.

```
package Interfaces;
import java.awt.Color;
import java.awt.Graphics;
public class GerentePrincipal extends javax.swing.JFrame {
    int idempleado;
    public GerentePrincipal(int idempleado) {
        this.idempleado=idempleado;
    }
}
```



```
initComponents();
}
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents
private void initComponents() {

    jButton6 = new javax.swing.JButton();
    jPanel1 = new javax.swing.JPanel();
    GerentePrinc = new javax.swing.JDesktopPane(){
        @Override
        protected void paintComponent(Graphics g) {
            super.paintComponent(g);
            g.setColor(new Color(204,0,0));
            g.fillRect(0, 0, getWidth(), getHeight());
        }
    };
    jPanel2 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jButton3 = new javax.swing.JButton();
    jButton8 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jButton5 = new javax.swing.JButton();
    jButton7 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton1 = new javax.swing.JButton();

    jButton6.setBackground(new java.awt.Color(255, 204, 0));
    jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```

                                                                    JButton6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/multiple25.png"))); //
NOI18N

JButton6.setText("Clientes");

setTitle("Chulo's Pizza: Gerentes");

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

JPanel2.setBackground(new java.awt.Color(204, 0, 0));

JLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

                                                                    JLabel1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/Menis.png"))); //
NOI18N

JLabel1.setToolTipText("");

JButton3.setBackground(new java.awt.Color(255, 204, 0));
JButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
                                                                    JButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/marker20.png"))); //
NOI18N

JButton3.setText("Ventas");
JButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        JButton3ActionPerformed(evt);
    }
});

JButton8.setBackground(new java.awt.Color(255, 204, 0));
JButton8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```

                                                                 JButton8.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/city8.png"))); //
NOI18N

JButton8.setText("Proveedores");
JButton8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        JButton8ActionPerformed(evt);
    }
});

JButton4.setBackground(new java.awt.Color(255, 204, 0));
JButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
                                                                 JButton4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/commercial15
(1).png"))); // NOI18N
JButton4.setText("Inventarios");
JButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        JButton4ActionPerformed(evt);
    }
});

JButton5.setBackground(new java.awt.Color(255, 204, 0));
JButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
                                                                 JButton5.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/user168 (1).png"))); //
NOI18N
JButton5.setText("Empleados");
JButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        JButton5ActionPerformed(evt);
    }
});
```



```
});
```

```
    jButton7.setBackground(new java.awt.Color(255, 204, 0));
```

```
    jButton7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
                                                                 jButton7.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/multiple25.png"))); //  
NOI18N
```

```
    jButton7.setText("Clientes");
```

```
    jButton7.addActionListener(new java.awt.event.ActionListener() {
```

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

```
            jButton7ActionPerformed(evt);
```

```
        }
```

```
    });
```

```
    jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
    jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
                                                                 jButton2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pizza3.png"))); //  
NOI18N
```

```
    jButton2.setText("Menu de Pizza");
```

```
    jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
            jButton2ActionPerformed(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()  
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING)  
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLay  
out.Alignment.LEADING)  
  
    .addComponent(jButton5,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jButton4,  
javax.swing.GroupLayout.Alignment.TRAILING,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addComponent(jButton3,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
400, Short.MAX_VALUE)  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING)  
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLay  
out.Alignment.LEADING)  
  
    .addComponent(jButton8,  
javax.swing.GroupLayout.Alignment.TRAILING,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jButton7,  
javax.swing.GroupLayout.Alignment.TRAILING,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addComponent(jButton2,  
javax.swing.GroupLayout.Alignment.TRAILING,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addContainerGap()  
);  
jPanel2Layout.setVerticalGroup(  
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(jPanel2Layout.createSequentialGroup()  
        .addGap(130, 130, 130)  
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel2Layout.createSequentialGroup()  
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
                    .addComponent(jButton5,  
                        javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addComponent(jButton7,  
                        javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE))  
                .addGap(18, 18, 18)  
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                    .addComponent(jButton8,  
                        javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addComponent(jButton4,  
                        javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE))  
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jButton3,  
                    javax.swing.GroupLayout.PREFERRED_SIZE,  
                    javax.swing.GroupLayout.PREFERRED_SIZE)
```




```
.addComponent(jButton2,
60,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addComponent(jLabel1,
242,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap(115, Short.MAX_VALUE))
);

jButton1.setBackground(new java.awt.Color(255, 204, 0));
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/close7.png"))); //
NOI18N
jButton1.setText("Cerrar Sesión");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

        javax.swing.GroupLayout GerentePrincLayout = new
javax.swing.GroupLayout(GerentePrinc);
GerentePrinc.setLayout(GerentePrincLayout);
GerentePrincLayout.setHorizontalGroup(
    GerentePrincLayout.createParallelGroup(javax.swing.GroupLayout.Alignm
ent.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
GerentePrincLayout.createSequentialGroup()
            .addGap(96, 96, 96)
            .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGap(75, 75, 75))
```



```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
GerentePrincLayout.createSequentialGroup())
    .addGap(0, 0, Short.MAX_VALUE)
    .addComponent(jButton1))
);
GerentePrincLayout.setVerticalGroup(
    GerentePrincLayout.createParallelGroup(javax.swing.GroupLayout.Alignm
ent.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
GerentePrincLayout.createSequentialGroup()
    .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)
    .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addGap(70, 70, 70))
);
GerentePrinc.setLayer(jPanel2,
javax.swing.JLayeredPane.DEFAULT_LAYER);
GerentePrinc.setLayer(jButton1,
javax.swing.JLayeredPane.DEFAULT_LAYER);

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
    .addGap(0, 0, 0)
    .addComponent(GerentePrinc)
    .addGap(0, 0, 0))
);
```



```
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addComponent(GerentePrinc)
            .addGap(0, 0, 0))
        );

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

pack();
} // </editor-fold> //GEN-END: initComponents

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton3ActionPerformed
    // TODO add your handling code here:
}
```



```
Ventas v = new Ventas(idempleado);  
GerentePrinc.add(v);  
v.show();  
} //GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton5ActionPerformed  
    // TODO add your handling code here:  
    Empleados e = new Empleados(idempleado);  
    GerentePrinc.add(e);  
    e.show();  
} //GEN-LAST:event_jButton5ActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton1ActionPerformed  
    // TODO add your handling code here:  
    setVisible(false);  
    Login l = new Login();  
    l.show();  
} //GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton4ActionPerformed  
    // TODO add your handling code here:  
    Inventarios i = new Inventarios(idempleado);  
    GerentePrinc.add(i);  
    i.show();  
} //GEN-LAST:event_jButton4ActionPerformed
```

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton7ActionPerformed
```



```
// TODO add your handling code here:
Clientes c=new Clientes(idempleado);
GerentePrinc.add(c);
c.show();
} //GEN-LAST:event_jButton7ActionPerformed

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton8ActionPerformed
    // TODO add your handling code here:
    Proveedores p=new Proveedores(idempleado);
    GerentePrinc.add(p);
    p.show();
} //GEN-LAST:event_jButton8ActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton2ActionPerformed
    // TODO add your handling code here:
    Pizzas p=new Pizzas();
    GerentePrinc.add(p);
    p.show();
} //GEN-LAST:event_jButton2ActionPerformed

/**
 * @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(GerentePrincipal.class.getName()).log(ja  
va.util.logging.Level.SEVERE, null, ex);  
} catch (InstantiationException ex) {  
    java.util.logging.Logger.getLogger(GerentePrincipal.class.getName()).log(ja  
va.util.logging.Level.SEVERE, null, ex);  
} catch (IllegalAccessException ex) {  
    java.util.logging.Logger.getLogger(GerentePrincipal.class.getName()).log(ja  
va.util.logging.Level.SEVERE, null, ex);  
} catch (javax.swing.UnsupportedLookAndFeelException ex) {  
    java.util.logging.Logger.getLogger(GerentePrincipal.class.getName()).log(ja  
va.util.logging.Level.SEVERE, null, ex);  
}  
//</editor-fold>  
  
/* Create and display the form */  
java.awt.EventQueue.invokeLater(new Runnable() {  
    public void run() {  
    }  
});  
}
```



```
// Variables declaration - do not modify//GEN-BEGIN:variables
public static javax.swing.JDesktopPane GerentePrinc;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JButton jButton7;
private javax.swing.JButton jButton8;
private javax.swing.JLabel jLabel1;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
// End of variables declaration//GEN-END:variables
}
```

Ventana Gerente-Empleados

```
package Interfaces;
import Funciones.BasededatosManager;
import java.sql.ResultSet;
import javax.swing.JOptionPane;
public class Empleados extends javax.swing.JInternalFrame {
    int idempleado;
    BasededatosManager bd=new BasededatosManager();
    public Empleados(int idempleado) {
        initComponents();
        this.idempleado=idempleado;
        ResultSet consulta=bd.consultar("SELECT * FROM Empleados;");
```



```
String[] nomcolumnas=new String[]  
{ "ID", "Nombre", "Apellidos", "Calle", "Colonia", "Numero", "Telefono", "Email", "Usuario",  
"Contraseña", "PuestoID" };
```

```
jTable1.setModel(bd.llenarTabla(11, nomcolumnas, consulta));
```

```
}
```

```
@SuppressWarnings("unchecked")
```

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

```
private void initComponents() {
```

```
jPanel1 = new javax.swing.JPanel();
```

```
jScrollPane1 = new javax.swing.JScrollPane();
```

```
jTable1 = new javax.swing.JTable();
```

```
jButton1 = new javax.swing.JButton();
```

```
jButton2 = new javax.swing.JButton();
```

```
jButton3 = new javax.swing.JButton();
```

```
txtbuscar = new javax.swing.JTextField();
```

```
jButton4 = new javax.swing.JButton();
```

```
jButton5 = new javax.swing.JButton();
```

```
jButton6 = new javax.swing.JButton();
```

```
setClosable(true);
```

```
setIconifiable(true);
```

```
setMaximizable(true);
```

```
setResizable(true);
```

```
setTitle("Chulo's Pizza: Gerente - Empleados");
```

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

```
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, null, null},
{null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null}
},
new String [] {
    "ID Empleado", "Nombre(s)", "Apellidos", "Calle", "Numero", "Colonia",
    "Telefono", "E-mail", "Puesto"
}
));
jScrollPane1.setViewportViewView(jTable1);

jButton1.setBackground(new java.awt.Color(255, 204, 0));
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/add88.png"))); //
NOI18N
jButton1.setText("Agregar Empleado");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setBackground(new java.awt.Color(255, 204, 0));
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pencil41.png"))); //
NOI18N
jButton2.setText("Editar Empleado");
jButton2.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton2ActionPerformed(evt);
}

});

jButton3.setBackground(new java.awt.Color(255, 204, 0));
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/cross108.png"))); //
NOI18N
jButton3.setText("Eliminar Empleado");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
txtbuscar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtbuscarActionPerformed(evt);
    }
});

jButton4.setBackground(new java.awt.Color(255, 204, 0));
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47
(1).png"))); // NOI18N
jButton4.setText("Buscar");
jButton4.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton4ActionPerformed(evt);
}

});

jButton5.setBackground(new java.awt.Color(255, 204, 0));
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton5.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png"))); //
NOI18N
jButton5.setText("Regresar");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

jButton6.setBackground(new java.awt.Color(255, 204, 0));
jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png"))); //
NOI18N
jButton6.setText("Actualizar");
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(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()
            .addGap(27, 27, 27)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jButton1,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap())
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jButton2,
                        javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addComponent(jButton3,
                        javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED, Short.MAX_VALUE)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(txtbuscar,
                        javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(85, 85, 85))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                    jPanel1Layout.createSequentialGroup()
                        .addContainerGap()))
            .addContainerGap())
```



```
.addComponent(jButton4,
128,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(210, 210, 210))))))
.addGroup(jPanel1Layout.createSequentialGroup())
.addContainerGap()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
.addComponent(jScrollPane1)
.addGroup(jPanel1Layout.createSequentialGroup())
.addComponent(jButton6)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jButton5,
146,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addContainerGap())
);
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
.addGap(30, 30, 30)
.addComponent(jButton1,
36,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup())
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
UNRELATED)
.addComponent(jButton2,
36,
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
UNRELATED)  
  
        .addComponent(jButton3,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addGroup(jPanel1Layout.createSequentialGroup())  
        .addGap(1, 1, 1)  
  
        .addComponent(txtbuscar,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)  
        .addComponent(jButton4)))  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
        .addComponent(jScrollPane1,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(jButton5,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jButton6,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addContainerGap(15, Short.MAX_VALUE))  
    );
```

```
        javax.swing.GroupLayout layout = new  
        javax.swing.GroupLayout(getContentPane());  
        getContentPane().setLayout(layout);  
        layout.setHorizontalGroup(
```



```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
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> // GEN-END: initComponents
```

```
private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_txtbuscarActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_txtbuscarActionPerformed
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton5ActionPerformed
    // TODO add your handling code here:
    setVisible(false);
} // GEN-LAST:event_jButton5ActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed
    // TODO add your handling code here:
    AgregarEmpleado a = new AgregarEmpleado(idempleado);
    GerentePrincipal.GerentePrinc.add(a);
    a.toFront();
    a.show();
}
```



```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
try{
```

```
    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del empleado que deseas modificar"));
```

```
    ModificarEmpleado me = new ModificarEmpleado(id);
```

```
    GerentePrincipal.GerentePrinc.add(me);
```

```
    me.toFront();
```

```
    me.show();
```

```
}catch(NumberFormatException e){
```

```
    JOptionPane.showMessageDialog(null,"Ingresa un id válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton6ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM Empleados;");
```

```
String[]nomcolumnas=new String[] {"ID","Nombre","Apellidos","Calle","Colonia","Numero","Telefono","Email","Usuario","Contraseña","PuestoID"};
```

```
jTable1.setModel(bd.llenarTabla(11, nomcolumnas, consulta));
```

```
}//GEN-LAST:event_jButton6ActionPerformed
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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

```
try{
```




```
int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del  
cliente que deseas eliminar"));
```

```
bd.ejecutar("DELETE FROM Empleados WHERE idEmpleados='"+id+"'");
```

```
JOptionPane.showMessageDialog(null, "Empleado Eliminado de la base  
de datos");
```

```
}catch(NumberFormatException e){
```

```
JOptionPane.showMessageDialog(null,"Ingresa un id  
válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
}//GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton4ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM Empleados where  
idEmpleados='"+txtbuscar.getText()+"';");
```

```
String[]nomcolumnas=new String[]  
{ "ID","Nombre","Apellidos","Calle","Colonia","Numero","Telefono","Email","Usuario",  
"Contraseña","PuestoID"};
```

```
jTable1.setModel(bd.llenarTabla(11, nomcolumnas, consulta));
```

```
}//GEN-LAST:event_jButton4ActionPerformed
```

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

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JButton jButton4;
```

```
private javax.swing.JButton jButton5;
```

```
private javax.swing.JButton jButton6;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JScrollPane jScrollPane1;
```



```
private javax.swing.JTable jTable1;  
private javax.swing.JTextField txtbuscar;  
// End of variables declaration//GEN-END:variables  
}
```

Ventana Gerente-Agregar Empleado

```
package Interfaces;  
import Funciones.BasededatosManager;  
import javax.swing.JOptionPane;  
public class AgregarEmpleado extends javax.swing.JInternalFrame {  
    int idempleado;  
    BasededatosManager bd=new BasededatosManager();  
    public AgregarEmpleado(int idempleado) {  
        initComponents();  
        this.idempleado=idempleado;  
    }  
    @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();  
        jLabel3 = new javax.swing.JLabel();  
        nombre = new javax.swing.JTextField();  
        jLabel4 = new javax.swing.JLabel();  
        apellidos = new javax.swing.JTextField();  
        jLabel5 = new javax.swing.JLabel();  
        calle = new javax.swing.JTextField();  
        jLabel6 = new javax.swing.JLabel();  
        numero = new javax.swing.JTextField();  

```



```
jLabel7 = new javax.swing.JLabel();
colonia = new javax.swing.JTextField();
jLabel8 = new javax.swing.JLabel();
telefono = new javax.swing.JTextField();
jLabel9 = new javax.swing.JLabel();
email = new javax.swing.JTextField();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
puesto = new javax.swing.JComboBox();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jLabel12 = new javax.swing.JLabel();
usuario = new javax.swing.JTextField();
jLabel13 = new javax.swing.JLabel();
contraseña = new javax.swing.JTextField();

setClosable(true);
setIconifiable(true);

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

jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Datos de empleado nuevo");

jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
jLabel3.setText("Nombre(s):");
```



```
nombre.setBackground(new java.awt.Color(255, 204, 0));
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nombreActionPerformed(evt);
    }
});
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
jLabel4.setText("Dirección");
```

```
apellidos.setBackground(new java.awt.Color(255, 204, 0));
apellidos.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
apellidos.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        apellidosActionPerformed(evt);
    }
});
```

```
jLabel5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 204, 0));
jLabel5.setText("Apellidos:");
```

```
calle.setBackground(new java.awt.Color(255, 204, 0));
calle.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
calle.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        calleActionPerformed(evt);
    }
});
```



```
}  
});  
  
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel6.setForeground(new java.awt.Color(255, 204, 0));  
jLabel6.setText("Calle:");  
  
numero.setBackground(new java.awt.Color(255, 204, 0));  
numero.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
numero.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        numeroActionPerformed(evt);  
    }  
});  
  
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel7.setForeground(new java.awt.Color(255, 204, 0));  
jLabel7.setText("Número:");  
  
colonia.setBackground(new java.awt.Color(255, 204, 0));  
colonia.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
colonia.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        coloniaActionPerformed(evt);  
    }  
});  
  
jLabel8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel8.setForeground(new java.awt.Color(255, 204, 0));
```



```
jLabel8.setText("Colonia:");
```

```
telefono.setBackground(new java.awt.Color(255, 204, 0));  
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
telefono.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        telefonoActionPerformed(evt);  
    }  
});
```

```
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel9.setForeground(new java.awt.Color(255, 204, 0));  
jLabel9.setText("Teléfono:");
```

```
email.setBackground(new java.awt.Color(255, 204, 0));  
email.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
email.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        emailActionPerformed(evt);  
    }  
});
```

```
jLabel10.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel10.setForeground(new java.awt.Color(255, 204, 0));  
jLabel10.setText("Email:");
```

```
jLabel11.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel11.setForeground(new java.awt.Color(255, 204, 0));  
jLabel11.setText("Puesto:");
```



```
puesto.setBackground(new java.awt.Color(255, 204, 0));
puesto.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
puesto.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "1",
"2", "3", "4", "5" }));
puesto.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        puestoActionPerformed(evt);
    }
});
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton1.setText("Aceptar");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton2.setText("Cancelar");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
```

```
jLabel12.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
jLabel12.setForeground(new java.awt.Color(255, 204, 0));  
jLabel12.setText("Usuario:");
```

```
usuario.setBackground(new java.awt.Color(255, 204, 0));  
usuario.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
usuario.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        usuarioActionPerformed(evt);  
    }  
});
```

```
jLabel13.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel13.setForeground(new java.awt.Color(255, 204, 0));  
jLabel13.setText("Contraseña:");
```

```
contraseña.setBackground(new java.awt.Color(255, 204, 0));  
contraseña.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
contraseña.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        contraseñaActionPerformed(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()  
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jLabel12)  
                .addComponent(jLabel13)  
                .addComponent(usuario, javax.swing.GroupLayout.DEFAULT_SIZE, 180, Short.MAX_VALUE)  
                .addComponent(contraseña, javax.swing.GroupLayout.DEFAULT_SIZE, 180, Short.MAX_VALUE)  
            )  
        )  
);
```




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

    .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(107, 107, 107)

        .addComponent(jLabel1))

    .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(33, 33, 33)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.TRAILING)

            .addGroup(jPanel1Layout.createSequentialGroup())

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.TRAILING)

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

                        .addGroup(jPanel1Layout.createSequentialGroup())

                            .addGap(17, 17, 17)

                            .addComponent(jLabel3))

                        .addComponent(jLabel4,
javax.swing.GroupLayout.Alignment.LEADING))

                            .addComponent(jLabel5))

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

                            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.LEADING)

                                .addComponent(apellidos,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

                            .addGroup(jPanel1Layout.createSequentialGroup())

                                .addComponent(jLabel6)

                                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)
```



```
        .addComponent(calle, 366,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))
```

```
        .addGroup(jPanel1Layout.createSequentialGroup())
```

```
            .addGap(68, 68, 68)
```

```
            .addComponent(jLabel7)
```

```
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

RELATED)

```
        .addComponent(numero, 70,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
        .addGroup(jPanel1Layout.createSequentialGroup())
```

```
            .addGap(62, 62, 62)
```

```
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.TRAILING)
```

```
                .addComponent(jLabel8)
```

```
                .addComponent(jLabel9)
```

```
                .addComponent(jLabel11))
```

```
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

RELATED)

```
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING, false)
```

```
            .addGroup(jPanel1Layout.createSequentialGroup())
```

```
                .addComponent(telefono, 136,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)
```

```
                .addComponent(jLabel10)
```

```
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)
```

```
                .addComponent(email))
```

```
        .addComponent(colonia, 365,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(puesto,
108,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addContainerGap(64, Short.MAX_VALUE))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.TRAILING)
.addGroup(jPanel1Layout.createSequentialGroup())
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
.addComponent(jLabel12)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
.addComponent(usuario,
136,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
UNRELATED)
.addComponent(jLabel13)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
.addComponent(contraseña,
141,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel1Layout.createSequentialGroup())
.addGap(0, 0, Short.MAX_VALUE)
.addComponent(jButton1,
90,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(jButton2,
90,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(60, 60, 60))
```



```
);  
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addGap(33, 33, 33)  
            .addComponent(jLabel1)  
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
                    .addComponent(jLabel3,  
                        javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addComponent(nombre,  
                        javax.swing.GroupLayout.PREFERRED_SIZE,  
                        javax.swing.GroupLayout.DEFAULT_SIZE,  
                        javax.swing.GroupLayout.PREFERRED_SIZE))  
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
                        .addComponent(apellidos,  
                            javax.swing.GroupLayout.PREFERRED_SIZE,  
                            javax.swing.GroupLayout.DEFAULT_SIZE,  
                            javax.swing.GroupLayout.PREFERRED_SIZE)  
                        .addComponent(jLabel5,  
                            javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                            javax.swing.GroupLayout.PREFERRED_SIZE))  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
                        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,  
                            24, javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
                )  
            )  
        )  
    )  
);
```



```
.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
.Alignment.BASELINE)  
    .addComponent(calle, GroupLayout.PREFERRED_SIZE,  
        GroupLayout.DEFAULT_SIZE,  
        GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel6,  
        GroupLayout.PREFERRED_SIZE, 24,  
        GroupLayout.PREFERRED_SIZE))  
.addPreferredGap(GroupLayoutStyle.ComponentPlacement.RELA  
TED)  
.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
.Alignment.BASELINE)  
    .addComponent(numero,  
        GroupLayout.PREFERRED_SIZE,  
        GroupLayout.DEFAULT_SIZE,  
        GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel7,  
        GroupLayout.PREFERRED_SIZE, 24,  
        GroupLayout.PREFERRED_SIZE))  
.addPreferredGap(GroupLayoutStyle.ComponentPlacement.RELA  
TED)  
.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
.Alignment.BASELINE)  
    .addComponent(colonia,  
        GroupLayout.PREFERRED_SIZE,  
        GroupLayout.DEFAULT_SIZE,  
        GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel8,  
        GroupLayout.PREFERRED_SIZE, 24,  
        GroupLayout.PREFERRED_SIZE))  
.addPreferredGap(GroupLayoutStyle.ComponentPlacement.RELA  
TED)  
.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
.Alignment.BASELINE)  
    .addComponent(telefono,  
        GroupLayout.PREFERRED_SIZE,  
        GroupLayout.DEFAULT_SIZE,  
        GroupLayout.PREFERRED_SIZE))
```



```
.addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(email, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel10,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(jLabel11,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(puesto,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(usuario,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel12,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(contraseña,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel13,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATIVE);

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

    .addComponent(jButton1,
        javax.swing.GroupLayout.Alignment.TRAILING,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(jButton2,
        javax.swing.GroupLayout.Alignment.TRAILING,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

    .addContainerGap())

);

    javax.swing.GroupLayout layout = new
    javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            )
        );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            )
        );

    pack();
} // </editor-fold> // GEN-END: initComponents

private void nombreActionPerformed(java.awt.event.ActionEvent evt) { // GEN-FIRST:event_nombreActionPerformed
```



```
// TODO add your handling code here:
} //GEN-LAST:event_nombreActionPerformed

private void apellidosActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_apellidosActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_apellidosActionPerformed

private void calleActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_calleActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_calleActionPerformed

private void numeroActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_numeroActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_numeroActionPerformed

private void coloniaActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_coloniaActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_coloniaActionPerformed

private void telefonoActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_telefonoActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_telefonoActionPerformed

private void emailActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_emailActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_emailActionPerformed
```




```
private void puestoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_puestoActionPerformed
```

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

```
//GEN-LAST:event_puestoActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("INSERT INTO  
Empleados(nombres,apellidos,calle,colonia,numero,telefono,email,usuario,pass,pu  
estos_idpuestos) VALUES("
```

```
+nombre.getText()+",""+apellidos.getText()+",""+calle.getText()  
+",""+colonia.getText()+",""+numero.getText()+",""+telefono.getText()+",""
```

```
+email.getText()+",""+usuario.getText()+",""+contraseña.getText()  
+",""+puesto.getSelectedItem()+");");
```

```
JOptionPane.showMessageDialog(null, "Empleado ingresado en la base de  
datos");
```

```
dispose();
```

```
//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
//GEN-LAST:event_jButton2ActionPerformed
```

```
private void usuarioActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_usuarioActionPerformed
```

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

```
//GEN-LAST:event_usuarioActionPerformed
```



```
private void contraseñaActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_contraseñaActionPerformed
```

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

```
//GEN-LAST:event_contraseñaActionPerformed
```

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

```
private javax.swing.JTextField apellidos;
```

```
private javax.swing.JTextField calle;
```

```
private javax.swing.JTextField colonia;
```

```
private javax.swing.JTextField contraseña;
```

```
private javax.swing.JTextField email;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel10;
```

```
private javax.swing.JLabel jLabel11;
```

```
private javax.swing.JLabel jLabel12;
```

```
private javax.swing.JLabel jLabel13;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel5;
```

```
private javax.swing.JLabel jLabel6;
```

```
private javax.swing.JLabel jLabel7;
```

```
private javax.swing.JLabel jLabel8;
```

```
private javax.swing.JLabel jLabel9;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JTextField nombre;
```

```
private javax.swing.JTextField numero;
```

```
private javax.swing.JComboBox puesto;
```



```
private javax.swing.JTextField telefono;  
private javax.swing.JTextField usuario;  
// End of variables declaration//GEN-END:variables  
}
```

Ventana Gerente – Modificar Empleado

```
package Interfaces;  
import Funciones.BasededatosManager;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.JOptionPane;  
public class ModificarEmpleado extends javax.swing.JFrame {  
    int idemp;  
    BasededatosManager bd=new BasededatosManager();  
    public ModificarEmpleado(int idempleado) {  
        initComponents();  
        this.idemp=idempleado;  
    }  
    @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();  
        jLabel3 = new javax.swing.JLabel();  
        nombre = new javax.swing.JTextField();  
        jLabel4 = new javax.swing.JLabel();  
        apellidos = new javax.swing.JTextField();  
  

```



```
jLabel5 = new javax.swing.JLabel();
calle = new javax.swing.JTextField();
jLabel6 = new javax.swing.JLabel();
numero = new javax.swing.JTextField();
jLabel7 = new javax.swing.JLabel();
colonia = new javax.swing.JTextField();
jLabel8 = new javax.swing.JLabel();
telefono = new javax.swing.JTextField();
jLabel9 = new javax.swing.JLabel();
email = new javax.swing.JTextField();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
puesto = new javax.swing.JComboBox();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
usuario = new javax.swing.JTextField();
jLabel12 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
pass = new javax.swing.JTextField();
jButton3 = new javax.swing.JButton();

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

jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Modificar datos de empleado");

jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```



```
jLabel3.setText("Nombre(s):");
```

```
nombre.setBackground(new java.awt.Color(255, 204, 0));  
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
nombre.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        nombreActionPerformed(evt);  
    }  
});
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N  
jLabel4.setForeground(new java.awt.Color(255, 204, 0));  
jLabel4.setText("Dirección");
```

```
apellidos.setBackground(new java.awt.Color(255, 204, 0));  
apellidos.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
apellidos.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        apellidosActionPerformed(evt);  
    }  
});
```

```
jLabel5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel5.setForeground(new java.awt.Color(255, 204, 0));  
jLabel5.setText("Apellidos:");
```

```
calle.setBackground(new java.awt.Color(255, 204, 0));  
calle.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
calle.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    calleActionPerformed(evt);  
}  
});  
  
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel6.setForeground(new java.awt.Color(255, 204, 0));  
jLabel6.setText("Calle:");  
  
numero.setBackground(new java.awt.Color(255, 204, 0));  
numero.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
numero.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        numeroActionPerformed(evt);  
    }  
});  
  
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel7.setForeground(new java.awt.Color(255, 204, 0));  
jLabel7.setText("Número:");  
  
colonia.setBackground(new java.awt.Color(255, 204, 0));  
colonia.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
colonia.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        coloniaActionPerformed(evt);  
    }  
});
```



```
jLabel8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 204, 0));
jLabel8.setText("Colonia:");
```

```
telefono.setBackground(new java.awt.Color(255, 204, 0));
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
telefono.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        telefonoActionPerformed(evt);
    }
});
```

```
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel9.setForeground(new java.awt.Color(255, 204, 0));
jLabel9.setText("Teléfono:");
```

```
email.setBackground(new java.awt.Color(255, 204, 0));
email.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
email.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        emailActionPerformed(evt);
    }
});
```

```
jLabel10.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel10.setForeground(new java.awt.Color(255, 204, 0));
jLabel10.setText("Email:");
```

```
jLabel11.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
jLabel11.setForeground(new java.awt.Color(255, 204, 0));
jLabel11.setText("Puesto:");

puesto.setBackground(new java.awt.Color(255, 204, 0));
puesto.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
puesto.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "1",
"2", "3", "4", "5" }));
puesto.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        puestoActionPerformed(evt);
    }
});

jButton1.setBackground(new java.awt.Color(255, 204, 0));
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton1.setText("Aceptar");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setBackground(new java.awt.Color(255, 204, 0));
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton2.setText("Cancelar");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
```




```
usuario.setBackground(new java.awt.Color(255, 204, 0));
usuario.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
usuario.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        usuarioActionPerformed(evt);
    }
});
```

```
jLabel12.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel12.setForeground(new java.awt.Color(255, 204, 0));
jLabel12.setText("Usuario:");
```

```
jLabel13.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel13.setForeground(new java.awt.Color(255, 204, 0));
jLabel13.setText("Contraseña:");
```

```
pass.setBackground(new java.awt.Color(255, 204, 0));
pass.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
pass.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        passActionPerformed(evt);
    }
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton3.setText("Autollenar Campos");
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

[illegible]



```
.addComponent(apellidos,
javafx.swing.GroupLayout.PREFERRED_SIZE, 366,
javafx.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(nombre,
javafx.swing.GroupLayout.PREFERRED_SIZE, 366,
javafx.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jLabel6)

.addPreferredGap(javafx.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

.addComponent(calle,
javafx.swing.GroupLayout.PREFERRED_SIZE, 366,
javafx.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jLabel1)

.addGap(30, 30, 30))

.addGroup(javafx.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup())

.addGap(17, 17, 17)

.addComponent(jButton3,
javafx.swing.GroupLayout.PREFERRED_SIZE, 243,
javafx.swing.GroupLayout.PREFERRED_SIZE))))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(68, 68, 68)

.addComponent(jLabel7)

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

.addComponent(numero,
javafx.swing.GroupLayout.PREFERRED_SIZE, 70,
javafx.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(62, 62, 62)

.addGroup(jPanel1Layout.createParallelGroup(javafx.swing.GroupL
ayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup())
```



```
.addComponent(jLabel12)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

.addComponent(usuario,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)

.addComponent(jLabel13)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

.addComponent(pass))
.addGroup(jPanel1Layout.createSequentialGroup())
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.TRAILING)

.addComponent(jLabel8)
.addComponent(jLabel9)
.addComponent(jLabel11))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.LEADING, false)

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(telefono,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPl
acement.UNRELATED)

.addComponent(jLabel10)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPl
acement.RELATED)

.addComponent(email))

.addComponent(colonia,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(puesto,
96,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))))
.addContainerGap(26, Short.MAX_VALUE))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
.addGap(0, 0, Short.MAX_VALUE)

.addComponent(jButton1,
90,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)

.addComponent(jButton2,
90,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(57, 57, 57))
);
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup())
.addContainerGap()
.addComponent(jLabel1)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel3,
24,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
```



```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(apellidos,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel5,  
javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,  
24, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(calle, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel6,  
javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(numero,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel7,  
javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(colonia,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel8,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(telefono,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel9,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(email, javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel10,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(jLabel11,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(puesto,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATIVE);

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

    .addComponent(usuario,
        javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel12,
        javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(pass, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel13,
        javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(17, 17, 17)

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

    .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addContainerGap()

);

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
```




```
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> // GEN-END: initComponents  
  
private void nombreActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_nombreActionPerformed  
    // TODO add your handling code here:  
} // GEN-LAST:event_nombreActionPerformed  
  
private void apellidosActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_apellidosActionPerformed  
    // TODO add your handling code here:  
} // GEN-LAST:event_apellidosActionPerformed  
  
private void calleActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_calleActionPerformed  
    // TODO add your handling code here:  
} // GEN-LAST:event_calleActionPerformed  
  
private void numeroActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_numeroActionPerformed  
    // TODO add your handling code here:  
} // GEN-LAST:event_numeroActionPerformed  
  
private void coloniaActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_coloniaActionPerformed  
    // TODO add your handling code here:
```



```
}//GEN-LAST:event_coloniaActionPerformed
```

```
private void telefonoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_telefonoActionPerformed
```

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

```
}//GEN-LAST:event_telefonoActionPerformed
```

```
private void emailActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_emailActionPerformed
```

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

```
}//GEN-LAST:event_emailActionPerformed
```

```
private void puestoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_puestoActionPerformed
```

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

```
}//GEN-LAST:event_puestoActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("UPDATE Empleados SET nombres='"+nombre.getText()+"",  
apellidos='"+apellidos.getText()+"", calle='"+calle.getText()+"",  
numero='"+numero.getText()
```

```
+", colonia='"+colonia.getText()+"", telefono='"+telefono.getText()+"",  
email='"+email.getText()+"", usuario='"+usuario.getText()+"", pass='"+pass.getText()
```

```
+", puestos_idpuestos='"+puesto.getSelectedItemId()+" where  
idEmpleados='"+idemp+"'");
```

```
JOptionPane.showMessageDialog(null, "Empleado ingresado en la base de  
datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```



```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
//GEN-LAST:event_jButton2ActionPerformed
```

```
private void usuarioActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_usuarioActionPerformed
```

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

```
//GEN-LAST:event_usuarioActionPerformed
```

```
private void passActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_passActionPerformed
```

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

```
//GEN-LAST:event_passActionPerformed
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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

```
try {
```

```
    ResultSet cnombre=bd.consultar("Select nombres from Empleados where idEmpleados="+idemp+"");
```

```
    ResultSet capellidos=bd.consultar("Select apellidos from Empleados where idEmpleados="+idemp+"");
```

```
    ResultSet ccalle=bd.consultar("Select calle from Empleados where idEmpleados="+idemp+"");
```

```
    ResultSet ccolonia=bd.consultar("Select colonia from Empleados where idEmpleados="+idemp+"");
```

```
    ResultSet cnumero=bd.consultar("Select numero from Empleados where idEmpleados="+idemp+"");
```

```
    ResultSet ctelefono=bd.consultar("Select telefono from Empleados where idEmpleados="+idemp+"");
```

```
    ResultSet cemail=bd.consultar("Select email from Empleados where idEmpleados="+idemp+"");
```



```
ResultSet cusuario=bd.consultar("Select usuario from Empleados where  
idEmpleados='"+idemp+"';");
```

```
ResultSet cpass=bd.consultar("Select pass from Empleados where  
idEmpleados='"+idemp+"';");
```

```
while(cnombre.next()&&capellidos.next()&&ccalle.next()&&ccolonia.next()&&c  
numero.next()&&ctelefono.next()&&cemail.next()&&cusuario.next()&&cpass.next()  
{
```

```
    nombre.setText(cnombre.getObject(1).toString());
```

```
    apellidos.setText(capellidos.getObject(1).toString());
```

```
    calle.setText(ccalle.getObject(1).toString());
```

```
    colonia.setText(ccolonia.getObject(1).toString());
```

```
    numero.setText(cnumero.getObject(1).toString());
```

```
    telefono.setText(ctelefono.getObject(1).toString());
```

```
    email.setText(cemail.getObject(1).toString());
```

```
    usuario.setText(cusuario.getObject(1).toString());
```

```
    pass.setText(cpass.getObject(1).toString());
```

```
}
```

```
} catch (SQLException ex) {
```

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

```
}
```

```
}//GEN-LAST:event_jButton3ActionPerformed
```

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

```
private javax.swing.JTextField apellidos;
```

```
private javax.swing.JTextField calle;
```

```
private javax.swing.JTextField colonia;
```

```
private javax.swing.JTextField email;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```



```
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JTextField nombre;
private javax.swing.JTextField numero;
private javax.swing.JTextField pass;
private javax.swing.JComboBox puesto;
private javax.swing.JTextField telefono;
private javax.swing.JTextField usuario;

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

Ventana Gerente – Clientes: Ventana principal de acciones que el gerente podrá realizar en base a los clientes.

```
package Interfaces;
import Funciones.BasededatosManager;
import java.sql.ResultSet;
import javax.swing.JOptionPane;
public class Clientes extends javax.swing.JInternalFrame {
    int idempleado;
```



```
BasededatosManager bd=new BasededatosManager();

public Clientes(int idempleado) {
    initComponents();

    ResultSet consulta=bd.consultar("SELECT * FROM clientes;");

    String[] nomcolumnas=new String[]
{"ID","Nombre","Dirección","Telefono","Ubicacion"};

    jTable1.setModel(bd.llenarTabla(5, nomcolumnas, consulta));
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN: initComponents
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    txtbuscar = new javax.swing.JTextField();
    jButton4 = new javax.swing.JButton();
    jButton5 = new javax.swing.JButton();
    jButton6 = new javax.swing.JButton();

    setClosable(true);
    setIconifiable(true);
    setMaximizable(true);
    setResizable(true);
    setTitle("Chulo's Pizza: Gerente - Clientes");
    setToolTipText("");
}
```



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

```
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 [] {  
        "ID Cliente", "Nombre", "Direccion", "Telefono"  
    }  
));
```

```
jScrollPane1.setViewportViewView(jTable1);
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
                                jButton1.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("//Interfaces/add88.png"))); // NOI18N
```

```
jButton1.setText("Agregar Cliente");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```

                                                                 JButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pencil41.png")));    //
NOI18N

JButton2.setText("Editar Cliente");
JButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        JButton2ActionPerformed(evt);
    }
});

JButton3.setBackground(new java.awt.Color(255, 204, 0));
JButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
                                                                 JButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/cross108.png")));    //
NOI18N

JButton3.setText("Eliminar Empleado");
JButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        JButton3ActionPerformed(evt);
    }
});

txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
txtbuscar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtbuscarActionPerformed(evt);
    }
});

JButton4.setBackground(new java.awt.Color(255, 204, 0));
JButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```




```

jButton4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47
(1).png"))); // NOI18N
jButton4.setText("Buscar");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jButton5.setBackground(new java.awt.Color(255, 204, 0));
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton5.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png"))); //
NOI18N
jButton5.setText("Regresar");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

jButton6.setBackground(new java.awt.Color(255, 204, 0));
jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png"))); //
NOI18N
jButton6.setText("Actualizar");
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(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()
                    .addGap(27, 27, 27)
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addComponent(jButton1,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(65, 65, 65)
                            .addComponent(jButton2,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(44, 44, 44)
                            .addComponent(jButton3,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addGap(83, 83, 83)
                            .addComponent(txtbuscar,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(18, 18, 18)
                            .addComponent(jButton4,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)))
                    .addGap(60, Short.MAX_VALUE))
                .addContainerGap())
    );
```



```
.addGroup(jPanel1Layout.createSequentialGroup())
    .addContainerGap()
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
        .addComponent(jScrollPane1)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jButton6,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jButton5,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap())
    );
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
            .addGap(30, 30, 30)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
                .addComponent(jButton1,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton2,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton3,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(31, 31, 31)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton4)

.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(41, 41, 41)

.addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE,
271,

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

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

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE,
36,

.addComponent(jButton6))

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

);

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
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>//GEN-END:initComponents

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
NuevoCliente nc = new NuevoCliente();
```

```
GerentePrincipal.GerentePrinc.add(nc);
```

```
nc.toFront();
```

```
nc.show();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
try{
```

```
    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del cliente que deseas modificar"));
```

```
    ModificarCliente mc = new ModificarCliente(id);
```

```
    GerentePrincipal.GerentePrinc.add(mc);
```

```
    mc.toFront();
```

```
    mc.show();
```

```
}catch(NumberFormatException e){
```

```
    JOptionPane.showMessageDialog(null,"Ingresa un id válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```



```
private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_txtbuscarActionPerformed
```

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

```
//GEN-LAST:event_txtbuscarActionPerformed
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton5ActionPerformed
```

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

```
//GEN-LAST:event_jButton5ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM clientes where idclientes="+txtbuscar.getText()+";");
```

```
String[]nomcolumnas=new String[]{"ID","Nombre","Dirección","Ubicación GPS","Teléfono"};
```

```
jTable1.setModel(bd.llenarTabla(5, nomcolumnas, consulta));
```

```
//GEN-LAST:event_jButton4ActionPerformed
```

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton6ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM clientes;");
```

```
String[]nomcolumnas=new String[]{"ID","Nombre","Dirección","Ubicación GPS","Teléfono"};
```

```
jTable1.setModel(bd.llenarTabla(5, nomcolumnas, consulta));
```

```
//GEN-LAST:event_jButton6ActionPerformed
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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



```
try{
    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del
cliente que deseas eliminar"));
    bd.ejecutar("DELETE FROM clientes WHERE idcliente='"+id+"'");
}catch(NumberFormatException e){
    JOptionPane.showMessageDialog(null,"Ingresa un id
válido","ERROR",JOptionPane.ERROR_MESSAGE);
}
} //GEN-LAST:event_jButton3ActionPerformed
```

```
// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField txtbuscar;
// End of variables declaration//GEN-END:variables
}
```

Ventana Gerente – Agregar Cliente

```
package Interfaces;
import Funciones.BasededatosManager;
import javax.swing.JOptionPane;
public class NuevoCliente extends javax.swing.JInternalFrame {
    BasededatosManager bd=new BasededatosManager();
```



```
public NuevoCliente() {  
    initComponents();  
}  
  
@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();  
    jLabel3 = new javax.swing.JLabel();  
    nombre = new javax.swing.JTextField();  
    jLabel4 = new javax.swing.JLabel();  
    apellidos = new javax.swing.JTextField();  
    jLabel5 = new javax.swing.JLabel();  
    calle = new javax.swing.JTextField();  
    jLabel6 = new javax.swing.JLabel();  
    numero = new javax.swing.JTextField();  
    jLabel7 = new javax.swing.JLabel();  
    colonia = new javax.swing.JTextField();  
    jLabel8 = new javax.swing.JLabel();  
    telefono = new javax.swing.JTextField();  
    jLabel9 = new javax.swing.JLabel();  
    jButton1 = new javax.swing.JButton();  
    jButton2 = new javax.swing.JButton();  
  
    setClosable(true);  
    setIconifiable(true);  
    setTitle("Chulo's Pizza: Agregar Cliente Nuevo");  
}
```




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

jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Datos de cliente nuevo");

jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
jLabel3.setText("Nombre(s):");

nombre.setBackground(new java.awt.Color(255, 204, 0));
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nombreActionPerformed(evt);
    }
});

jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
jLabel4.setText("Dirección");

apellidos.setBackground(new java.awt.Color(255, 204, 0));
apellidos.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
apellidos.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        apellidosActionPerformed(evt);
    }
});
```



```
jLabel5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 204, 0));
jLabel5.setText("Apellidos:");
```

```
calle.setBackground(new java.awt.Color(255, 204, 0));
calle.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
calle.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        calleActionPerformed(evt);
    }
});
```

```
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel6.setForeground(new java.awt.Color(255, 204, 0));
jLabel6.setText("Calle:");
```

```
numero.setBackground(new java.awt.Color(255, 204, 0));
numero.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
numero.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        numeroActionPerformed(evt);
    }
});
```

```
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel7.setForeground(new java.awt.Color(255, 204, 0));
jLabel7.setText("Número:");
```



```
colonia.setBackground(new java.awt.Color(255, 204, 0));
colonia.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
colonia.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        coloniaActionPerformed(evt);
    }
});

jLabel8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 204, 0));
jLabel8.setText("Colonia:");

telefono.setBackground(new java.awt.Color(255, 204, 0));
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
telefono.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        telefonoActionPerformed(evt);
    }
});

jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel9.setForeground(new java.awt.Color(255, 204, 0));
jLabel9.setText("Teléfono:");

jButton1.setBackground(new java.awt.Color(255, 204, 0));
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton1.setText("Aceptar");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

[illegible]



```
.addGroup(jPanel1Layout.createSequentialGroup()  
    .addContainerGap()  
    .addComponent(jLabel6)  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)  
    .addComponent(calle,  
javax.swing.GroupLayout.PREFERRED_SIZE, 331,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,  
jPanel1Layout.createSequentialGroup()  
    .addGap(62, 62, 62)  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou  
pLayout.Alignment.TRAILING)  
    .addComponent(jLabel8)  
    .addComponent(jLabel9))  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou  
pLayout.Alignment.LEADING)  
    .addComponent(telefono,  
javax.swing.GroupLayout.PREFERRED_SIZE, 136,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(colonia,  
javax.swing.GroupLayout.PREFERRED_SIZE, 329,  
javax.swing.GroupLayout.PREFERRED_SIZE))))  
    .addGroup(jPanel1Layout.createSequentialGroup()  
    .addGap(33, 33, 33)  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou  
pLayout.Alignment.TRAILING)  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou  
pLayout.Alignment.TRAILING)  
    .addGroup(jPanel1Layout.createSequentialGroup()  
    .addGap(2, 2, 2)  
    .addComponent(jLabel3))
```



```
.addComponent(jLabel4,
javax.swing.GroupLayout.Alignment.LEADING))
        .addComponent(jLabel5))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)
        .addComponent(jLabel1)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING, false)
        .addComponent(apellidos,
javax.swing.GroupLayout.DEFAULT_SIZE, 345, Short.MAX_VALUE)
        .addComponent(nombre))))
        .addContainerGap(32, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
        .addGap(0, 0, Short.MAX_VALUE)

        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)

        .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(60, 60, 60))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignm
ENT.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addGap(23, 23, 23)
        .addComponent(jLabel1)
        .addGap(18, 18, 18)
```



```
.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
Alignment.BASELINE)  
  
        .addComponent(jLabel3,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(nombre,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
Alignment.BASELINE)  
  
        .addComponent(apellidos,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel5,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,  
24, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
Alignment.BASELINE)  
  
        .addComponent(calle, javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel6,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.  
Alignment.BASELINE)
```



```
.addComponent(numero,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel7,
24,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(colonia,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel8,
24,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(teléfono,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel9,
24,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addContainerGap()

);
```




```
        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );
        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> //GEN-END: initComponents
```

```
    private void nombreActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_nombreActionPerformed
        // TODO add your handling code here:
    } //GEN-LAST:event_nombreActionPerformed
```

```
    private void apellidosActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_apellidosActionPerformed
        // TODO add your handling code here:
    } //GEN-LAST:event_apellidosActionPerformed
```

```
    private void calleActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_calleActionPerformed
        // TODO add your handling code here:
    } //GEN-LAST:event_calleActionPerformed
```



```
private void numeroActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_numeroActionPerformed
```

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

```
//GEN-LAST:event_numeroActionPerformed
```

```
private void coloniaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_coloniaActionPerformed
```

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

```
//GEN-LAST:event_coloniaActionPerformed
```

```
private void telefonoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_telefonoActionPerformed
```

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

```
//GEN-LAST:event_telefonoActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("INSERT INTO clientes(`nombre`,`direccion`,`telefono`) VALUES('"+nombre.getText()+"','Calle: "+calle.getText()+" '+numero.getText()+" Colonia: '"+colonia.getText()+"','"+telefono.getText()+"');");
```

```
JOptionPane.showMessageDialog(null, "Cliente ingresado en la base de datos");
```

```
dispose();
```

```
//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
//GEN-LAST:event_jButton2ActionPerformed
```



```
// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JTextField apellidos;
private javax.swing.JTextField calle;
private javax.swing.JTextField colonia;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JTextField nombre;
private javax.swing.JTextField numero;
private javax.swing.JTextField telefono;
// End of variables declaration//GEN-END:variables
}
```

Ventana Gerente – Modificar Cliente

```
package Interfaces;
import Funciones.BasededatosManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
```



```
import javax.swing.JOptionPane;

public class ModificarCliente extends javax.swing.JInternalFrame {

    int idcliente;

    BasededatosManager bd=new BasededatosManager();

    public ModificarCliente(int id) {

        initComponents();

        idcliente=id;

    }

    @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();
        jLabel3 = new javax.swing.JLabel();
        nombre = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        telefono = new javax.swing.JTextField();
        jLabel9 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jScrollPane1 = new javax.swing.JScrollPane();
        direccion = new javax.swing.JTextArea();

        setClosable(true);
        setIconifiable(true);
        setTitle("Chulo's Pizza: Modificar Cliente");
        setToolTipText("");

    }

}
```



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

```
jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
```

```
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel1.setText("Modificar datos de cliente");
```

```
jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel3.setText("Nombre(s):");
```

```
nombre.setBackground(new java.awt.Color(255, 204, 0));
```

```
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        nombreActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Dirección:");
```

```
telefono.setBackground(new java.awt.Color(255, 204, 0));
```

```
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        telefonoActionPerformed(evt);
```

```
    }
```



```
});
```

```
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel9.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel9.setText("Teléfono:");
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton2.setText("Cancelar");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton3.setText("Autollenar Campos");
```

```
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

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



```
jButton3ActionPerformed(evt);  
}  
});
```

```
jScrollPane1.setVerticalScrollBarPolicy(javax.swing.ScrollPaneConstants.VE  
RTICAL_SCROLLBAR_NEVER);
```

```
direccion.setBackground(new java.awt.Color(255, 204, 0));  
direccion.setColumns(20);  
direccion.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
direccion.setRows(5);  
jScrollPane1.setViewportViewView(direccion);
```

```
javax.swing.GroupLayout jPanel1Layout = new  
javax.swing.GroupLayout(jPanel1);  
jPanel1.setLayout(jPanel1Layout);  
jPanel1Layout.setHorizontalGroup(  
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE  
ADING)  
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
    .addGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)  
    .addComponent(jButton3,  
javax.swing.GroupLayout.PREFERRED_SIZE, 174,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addGap(174, 174, 174))  
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
    .addGap(0, 33, Short.MAX_VALUE)  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING)
```



```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

                                .addComponent(jButton1,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                                90,

                                .addGap(18, 18, 18)

                                .addComponent(jButton2,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                                90,

                                .addGap(60, 60, 60))

                                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

                                .addComponent(jLabel1)

                                .addGap(58, 58, 58))

                                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.TRAILING)

                                .addComponent(jLabel4)

                                .addComponent(jLabel3)

                                .addComponent(jLabel9))

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

                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

                                .addComponent(teléfono,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                                136,

                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.TRAILING, false)

                                .addComponent(nombre)

                                .addComponent(jScrollPane1,
                                javax.swing.GroupLayout.DEFAULT_SIZE, 416, Short.MAX_VALUE)))

                                .addGap(22, 22, 22))))

);
```




```
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(jPanel1Layout.createSequentialGroup()  
        .addContainerGap()  
        .addComponent(jLabel1)  
        .addGap(13, 13, 13)  
        .addComponent(jButton3,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 40,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
            .addComponent(nombre,  
                javax.swing.GroupLayout.PREFERRED_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(jLabel3,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel1Layout.createSequentialGroup()  
                .addGap(4, 4, 4)  
                .addComponent(jLabel4,  
                    javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                    javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addGroup(jPanel1Layout.createSequentialGroup()  
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
                .addComponent(jScrollPane1,  
                    javax.swing.GroupLayout.PREFERRED_SIZE, 65,  
                    javax.swing.GroupLayout.PREFERRED_SIZE)))  
        .addGap(18, 18, 18)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

                                .addComponent(teléfono,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(jLabel9,
                                24,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

                                .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                                .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addContainerGap())

);

                                javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
```



```
pack();

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

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton3ActionPerformed
    // TODO add your handling code here:
    try {
        ResultSet cnombre = bd.consultar("Select nombre from clientes where
idclientes='"+idcliente+"'");
        ResultSet cdireccion = bd.consultar("Select direccion from clientes where
idclientes='"+idcliente+"'");
        ResultSet ctelefono = bd.consultar("Select telefono from clientes where
idclientes='"+idcliente+"'");
        while(cnombre.next() && cdireccion.next() && ctelefono.next()){
            nombre.setText(cnombre.getObject(1).toString());
            direccion.setText(cdireccion.getObject(1).toString());
            telefono.setText(ctelefono.getObject(1).toString());
        }
    } catch (SQLException ex) {
        Logger.getLogger(ModificarCliente.class.getName()).log(Level.SEVERE,
null, ex);
    }
} // GEN-LAST:event_jButton3ActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton2ActionPerformed
    // TODO add your handling code here:
    dispose();
} // GEN-LAST:event_jButton2ActionPerformed

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed
```



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

        bd.ejecutar("UPDATE clientes SET nombre='"+nombre.getText()+"",
direccion='"+direccion.getText()+"',      telefono='"+telefono.getText()+"      where
idclientes='"+idcliente+"";");

        JOptionPane.showMessageDialog(null, "Cliente modificado en la base de
datos");

        dispose();

    }//GEN-LAST:event_jButton1ActionPerformed

    private void telefonoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_telefonoActionPerformed

        // TODO add your handling code here:

    }//GEN-LAST:event_telefonoActionPerformed

    private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_nombreActionPerformed

        // TODO add your handling code here:

    }//GEN-LAST:event_nombreActionPerformed


// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JTextArea direccion;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
```



```
private javax.swing.JTextField nombre;  
private javax.swing.JTextField telefono;  
// End of variables declaration//GEN-END:variables
```

```
}
```

Ventana Gerente – Ventas: Ventana donde el gerente podrá ver todo lo referente a ventas.

```
package Interfaces;  
import Funciones.BasededatosManager;  
import java.sql.ResultSet;  
import javax.swing.JOptionPane;  
public class Ventas extends javax.swing.JInternalFrame {  
    int idpedido;  
    BasededatosManager bd=new BasededatosManager();  
    public Ventas(int idpedido) {  
        initComponents();  
        this.idpedido=idpedido;  
        ResultSet consulta=bd.consultar("SELECT * FROM pedidos;");  
        String[] nomcolumnas=new String[]  
{"ID","IDEmpleado","IDCliente","Cantidad","Total","IVA","TotalNeto","Estado","Entre  
gado","Ticket"};  
        jTable1.setModel(bd.llenarTabla(10, nomcolumnas, consulta));  
    }  
    @SuppressWarnings("unchecked")  
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN: initComponents  
    private void initComponents() {  
  
        jPanel1 = new javax.swing.JPanel();  
        jScrollPane1 = new javax.swing.JScrollPane();  
        jTable1 = new javax.swing.JTable();  
        txtbuscar = new javax.swing.JTextField();
```



```
jButton4 = new javax.swing.JButton();  
jButton5 = new javax.swing.JButton();  
jButton6 = new javax.swing.JButton();  
jButton7 = new javax.swing.JButton();
```

```
setClosable(true);  
setIconifiable(true);  
setMaximizable(true);  
setResizable(true);  
setTitle("Chulo's Pizza: Gerente - Registros de Ventas");
```

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

```
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, null, null, null, null, null},  
        {null, null, null, null, null, null, null}  
    },  
    new String [] {
```

```
        "ID Pedido", "Empleado", "Cliente", "Cantidad", "Total", "IVA", "Total  
Neto"  
    }  
));
```

```
jScrollPane1.setViewportView(jTable1);
```

```
txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
txtbuscar.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
        txtbuscarActionPerformed(evt);  
    }  
});
```

```
        jButton4.setBackground(new java.awt.Color(255, 204, 0));  
        jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
                                                                 jButton4.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47  
(1).png"))); // NOI18N  
        jButton4.setText("Buscar");  
        jButton4.addActionListener(new java.awt.event.ActionListener() {  
            public void actionPerformed(java.awt.event.ActionEvent evt) {  
                jButton4ActionPerformed(evt);  
            }  
        });
```

```
        jButton5.setBackground(new java.awt.Color(255, 204, 0));  
        jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
                                                                 jButton5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png"))); //  
NOI18N  
        jButton5.setText("Regresar");  
        jButton5.addActionListener(new java.awt.event.ActionListener() {  
            public void actionPerformed(java.awt.event.ActionEvent evt) {  
                jButton5ActionPerformed(evt);  
            }  
        });
```

```
        jButton6.setBackground(new java.awt.Color(255, 204, 0));  
        jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```

                                                                 JButton6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/cross108.png")));    //
NOI18N

    JButton6.setText("Eliminar Venta");
    JButton6.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            JButton6ActionPerformed(evt);
        }
    });

    JButton7.setBackground(new java.awt.Color(255, 204, 0));
    JButton7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
                                                                 JButton7.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png")));    //
NOI18N

    JButton7.setText("Actualizar Tabla");
    JButton7.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            JButton7ActionPerformed(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()
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                        .addGap(10, 10, 0)
                        .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE, 100, true)
                    )
                )
            )
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                    .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE, 100, true)
                )
            )
    );
    jPanel1Layout.setSize(new Dimension(300, 200));
    jPanel1.setVisible(true);
}
```




```
.addContainerGap()

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

.addComponent(jScrollPane1,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(0, 0, Short.MAX_VALUE)

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(88, 88, 88)

.addComponent(jButton7)

.addGap(79, 79, 79)

.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE, 191,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(98, 98, 98)

.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE, 373,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE, 128,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(0, 0, Short.MAX_VALUE)))

.addContainerGap()

);

jPanel1Layout.setVerticalGroup(
```



```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
    .addGap(53, 53, 53)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton6,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton7,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(txtbuscar,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton4))
    .addGap(30, 30, 30)
        .addComponent(jScrollPane1,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton5,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(15, Short.MAX_VALUE))
);

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



```
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
);  
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> // GEN-END: initComponents  
  
private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_txtbuscarActionPerformed  
    // TODO add your handling code here:  
} // GEN-LAST:event_txtbuscarActionPerformed  
  
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_jButton5ActionPerformed  
    // TODO add your handling code here:  
    setVisible(false);  
} // GEN-LAST:event_jButton5ActionPerformed  
  
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_jButton7ActionPerformed  
    // TODO add your handling code here:  
    ResultSet consulta = bd.consultar("SELECT * FROM pedidos;");  
    String[] nomcolumnas = new String[]  
{"ID", "IDEmpleado", "IDCliente", "Cantidad", "Total", "IVA", "TotalNeto", "Estado", "Entre  
gado", "Ticket"};
```



```
jTable1.setModel(bd.llenarTabla(10, nomcolumnas, consulta));
} // GEN-LAST:event_jButton7ActionPerformed

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-FIRST:event_jButton6ActionPerformed
    // TODO add your handling code here:
    try{
        int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID de la venta que deseas eliminar"));
        bd.ejecutar("DELETE FROM pedido WHERE idpedidos='"+id+"'");
        JOptionPane.showMessageDialog(null, "La venta ha sido eliminada de la base de datos");
    } catch (NumberFormatException e){
        JOptionPane.showMessageDialog(null, "Ingresa un id válido", "ERROR", JOptionPane.ERROR_MESSAGE);
    }
} // GEN-LAST:event_jButton6ActionPerformed

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-FIRST:event_jButton4ActionPerformed
    // TODO add your handling code here:
    ResultSet consulta=bd.consultar("SELECT * FROM pedidos where idpedidos='"+txtbuscar.getText()+"'");

    String[] nomcolumnas=new String[]
{"ID", "IDEmpleado", "IDCliente", "Cantidad", "Total", "IVA", "TotalNeto", "Estado", "Entregado", "Ticket"};

    jTable1.setModel(bd.llenarTabla(10, nomcolumnas, consulta));
} // GEN-LAST:event_jButton4ActionPerformed

// Variables declaration - do not modify // GEN-BEGIN:variables
private javax.swing.JButton jButton4;
```



```
private javax.swing.JButton jButton5;  
private javax.swing.JButton jButton6;  
private javax.swing.JButton jButton7;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JTable jTable1;  
private javax.swing.JTextField txtbuscar;  
// End of variables declaration//GEN-END:variables  
}
```

Ventana Gerente – Inventarios

```
package Interfaces;  
  
import Funciones.BasededatosManager;  
  
import java.sql.ResultSet;  
  
import javax.swing.JOptionPane;  
  
public class Inventarios extends javax.swing.JInternalFrame {  
  
    int idempleado;  
  
    BasededatosManager bd=new BasededatosManager();  
  
    public Inventarios(int idempleado) {  
  
        initComponents();  
  
        this.idempleado=idempleado;  
  
        ResultSet consulta=bd.consultar("SELECT * FROM ingredientes;");  
  
        String[] nomcolumnas=new String[]{"ID","Nombre","Stock","IDProveedor"};  
  
        jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));  
  
    }  
  
    @SuppressWarnings("unchecked")
```



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

```
private void initComponents() {  
  
    jPanel1 = new javax.swing.JPanel();  
    jScrollPane1 = new javax.swing.JScrollPane();  
    jTable1 = new javax.swing.JTable();  
    jButton1 = new javax.swing.JButton();  
    jButton2 = new javax.swing.JButton();  
    jButton3 = new javax.swing.JButton();  
    txtbuscar = new javax.swing.JTextField();  
    jButton4 = new javax.swing.JButton();  
    jButton5 = new javax.swing.JButton();  
    jButton6 = new javax.swing.JButton();  
  
    setClosable(true);  
    setIconifiable(true);  
    setMaximizable(true);  
    setResizable(true);  
    setTitle("Chulo's Pizza: Gerentes - Inventarios");  
  
    jPanel1.setBackground(new java.awt.Color(204, 0, 0));  
}
```



```
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, null, null, null, null}
    },
    new String [] {
        "ID Ingrediente", "Nombre", "Precio", "Stock", "Proveedor"
    }
));

jScrollPane1.setViewportViewView(jTable1);

jButton1.setBackground(new java.awt.Color(255, 204, 0));

jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/add182.png"))); //
NOI18N

jButton1.setText("Nuevo Ingrediente");

jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
})
```



```
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
                                                                                        jButton2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pencil41.png")));    //  
NOI18N
```

```
jButton2.setText("Editar Ingrediente");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
                                                                                        jButton3.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/cross108.png")));    //  
NOI18N
```

```
jButton3.setText("Eliminar Ingrediente");
```

```
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton3ActionPerformed(evt);
```

```
    }
```




```
});
```

```
txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

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

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

```
        txtbuscarActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton4.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton4.setIcon(new
```

```
javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47  
(1).png"))); // NOI18N
```

```
jButton4.setText("Buscar");
```

```
jButton4.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton4ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton5.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
                                JButton5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png")));    //  
NOI18N
```

```
    JButton5.setText("Regresar");  
  
    JButton5.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            JButton5ActionPerformed(evt);  
        }  
    });
```

```
    JButton6.setBackground(new java.awt.Color(255, 204, 0));  
  
    JButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
                                JButton6.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png")));    //  
NOI18N
```

```
    JButton6.setText("Actualizar");  
  
    JButton6.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            JButton6ActionPerformed(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())

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

                .addGroup(jPanel1Layout.createSequentialGroup())

                    .addGap(27, 27, 27)

                        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,                202,
javax.swing.GroupLayout.PREFERRED_SIZE)

                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 53, Short.MAX_VALUE)

                                .addComponent(jButton2)

                                    .addGap(55, 55, 55)

                                        .addComponent(jButton3)

                                            .addGap(9, 9, 9))

                                                .addGroup(jPanel1Layout.createSequentialGroup())

                                                    .addContainerGap()

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

                                                            .addComponent(jScrollPane1)

                                                                .addGroup(jPanel1Layout.createSequentialGroup())
```



```
.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(150, 150, 150)

.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE, 419,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(285, 285, 285)

.addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE, 128,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(0, 0, Short.MAX_VALUE)))

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(
```



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

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```

```
.addGap(30, 30, 30)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
.Alignment.BASELINE)
```

```
.addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jButton2,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jButton3,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(18, 18, 18)
```

```
.addComponent(txtbuscar,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGap(11, 11, 11)
```

```
.addComponent(jButton4)
```

```
.addGap(16, 16, 16)
```



```
.addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 271,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

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

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(15, Short.MAX_VALUE))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

);

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>//GEN-END:initComponents
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed
```

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

```
AgregarIngrediente a = new AgregarIngrediente();
```

```
GerentePrincipal.GerentePrinc.add(a);
```

```
a.toFront();
```

```
a.show();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton2ActionPerformed
```

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

```
try{
```

```
    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del
ingrediente que deseas modificar"));
```

```
    ModificarIngrediente mi = new ModificarIngrediente(id);
```



```
GerentePrincipal.GerentePrinc.add(mi);

mi.toFront();

mi.show();

}catch(NumberFormatException e){

                JOptionPane.showMessageDialog(null,"Ingresa un id
válido","ERROR",JOptionPane.ERROR_MESSAGE);

    }

}

//GEN-LAST:event_jButton2ActionPerformed

private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_txtbuscarActionPerformed

    // TODO add your handling code here:

}

//GEN-LAST:event_txtbuscarActionPerformed

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton5ActionPerformed

    // TODO add your handling code here:

    setVisible(false);

}

//GEN-LAST:event_jButton5ActionPerformed

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton3ActionPerformed

    // TODO add your handling code here:

    try{
```




```
int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del  
ingrediente que deseas eliminar"));
```

```
bd.ejecutar("DELETE FROM ingredientes WHERE  
idingredientes='"+id+"'");
```

```
JOptionPane.showMessageDialog(null, "El ingrediente ha sido eliminado  
de la base de datos");
```

```
}catch(NumberFormatException e){
```

```
JOptionPane.showMessageDialog(null,"Ingresa un id  
válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
}//GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton4ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM ingredientes where  
idingredientes="+txtbuscar.getText()+"");
```

```
String[]nomcolumnas=new String[]{"ID","Nombre","Stock","IDProveedor"};
```

```
jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
}//GEN-LAST:event_jButton4ActionPerformed
```

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton6ActionPerformed
```

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



```
ResultSet consulta=bd.consultar("SELECT * FROM ingredientes;");

String[]nomcolumnas=new String[]{"ID","Nombre","Stock","IDProveedor"};

jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));

} //GEN-LAST:event_jButton6ActionPerformed
```

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

```
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField txtbuscar;

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

}
```

Ventana Gerente – Ingrediente Nuevo

```
package Interfaces;

import Funciones.BasededatosManager;

import javax.swing.JOptionPane;
```



```
public class AgregarIngrediente extends javax.swing.JInternalFrame {

    BasededatosManager bd=new BasededatosManager();

    public AgregarIngrediente() {

        initComponents();

    }

    @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();
        jLabel3 = new javax.swing.JLabel();
        nombre = new javax.swing.JTextField();
        stock = new javax.swing.JTextField();
        jLabel6 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        idproveedor = new javax.swing.JTextField();
        jLabel7 = new javax.swing.JLabel();

        setClosable(true);

        setIconifiable(true);
```



```
setMaximizable(true);

setTitle("Chulo's Pizza: Ingrediente Nuevo");


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


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Datos de ingrediente nuevo");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
jLabel3.setText("Nombre:");


nombre.setBackground(new java.awt.Color(255, 204, 0));
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nombreActionPerformed(evt);
    }
});


stock.setBackground(new java.awt.Color(255, 204, 0));

stock.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```



```
stock.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        stockActionPerformed(evt);  
    }  
});  
  
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel6.setForeground(new java.awt.Color(255, 204, 0));  
jLabel6.setText("Stock:");  
  
jButton1.setBackground(new java.awt.Color(255, 204, 0));  
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton1.setText("Aceptar");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
jButton2.setBackground(new java.awt.Color(255, 204, 0));  
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton2.setText("Cancelar");  
jButton2.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    jButton2ActionPerformed(evt);  
}  
});
```

```
idproveedor.setBackground(new java.awt.Color(255, 204, 0));  
idproveedor.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N  
idproveedor.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        idproveedorActionPerformed(evt);  
    }  
});
```

```
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel7.setForeground(new java.awt.Color(255, 204, 0));  
jLabel7.setText("ID Proveedor:");
```

```
        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()  
            .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)  
            .addGap(15, 15, 15)  
            .addComponent(idproveedor, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)  
            .addGap(15, 15, 15)  
            .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)  
            .addContainerGap(15, true)  
        )  
    );  
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addContainerGap()  
            .addComponent(idproveedor, javax.swing.GroupLayout.DEFAULT_SIZE, 30, true)  
            .addGap(15, 15, 15)  
            .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE, 30, true)  
            .addContainerGap(15, true)  
        )  
    );
```



```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

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

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,          90,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,          90,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(71, 71, 71))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addGap(0, 74, Short.MAX_VALUE)

.addComponent(jLabel1)

.addGap(76, 76, 76))

.addGroup(jPanel1Layout.createSequentialGroup())

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
```



```
.addGap(61, 61, 61)

.addComponent(jLabel3))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(74, 74, 74)

.addComponent(jLabel6)))

.addGap(4, 4, 4)

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

                                                .addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,          300,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                                .addComponent(stock,
javax.swing.GroupLayout.PREFERRED_SIZE,          87,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(24, 24, 24)

.addComponent(jLabel7)

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

                                                .addComponent(idproveedor,
javax.swing.GroupLayout.PREFERRED_SIZE,          131,
javax.swing.GroupLayout.PREFERRED_SIZE)))

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

);
```




```
jPanel1Layout.setVerticalGroup(  
  
    JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
    .addGroup(jPanel1Layout.createSequentialGroup()  
  
        .addGap(33, 33, 33)  
  
        .addComponent(jLabel1)  
  
        .addGap(44, 44, 44)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
            .addComponent(jLabel3,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
  
            .addComponent(nombre,  
                javax.swing.GroupLayout.PREFERRED_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
  
            .addComponent(jLabel6,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
  
            .addComponent(stock, javax.swing.GroupLayout.PREFERRED_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
                                .addComponent(jLabel7,  
javax.swing.GroupLayout.PREFERRED_SIZE,                24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(idproveedor,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED, 18, Short.MAX_VALUE)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING, false)  
  
                                .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,  
38, Short.MAX_VALUE)  
  
                                .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
  
.addGap(28, 28, 28))  
  
);  
  
                                javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());  
  
                                getContentPane().setLayout(layout);  
  
                                layout.setHorizontalGroup(
```



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

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

    );

    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> // GEN-END: initComponents
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton2ActionPerformed

    // TODO add your handling code here:

    dispose();

} // GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed

    // TODO add your handling code here:

    bd.ejecutar("INSERT INTO ingredientes(nombre, stock, idproveedor)
VALUES('"+nombre.getText()+"','"+stock.getText()+"','"+idproveedor.getText()+"');");
```



```
JOptionPane.showMessageDialog(null, "ingrediente ingresado en la base de  
datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void stockActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_stockActionPerformed
```

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

```
}//GEN-LAST:event_stockActionPerformed
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_nombreActionPerformed
```

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

```
}//GEN-LAST:event_nombreActionPerformed
```

```
private void idproveedorActionPerformed(java.awt.event.ActionEvent evt)  
{//GEN-FIRST:event_idproveedorActionPerformed
```

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

```
}//GEN-LAST:event_idproveedorActionPerformed
```

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

```
private javax.swing.JTextField idproveedor;
```

```
private javax.swing.JButton jButton1;
```



```
private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JPanel jPanel1;

private javax.swing.JTextField nombre;

private javax.swing.JTextField stock;

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

}
```

Ventana Gerente – Modificar Ingrediente

```
package Interfaces;

import Funciones.BasededatosManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class ModificarIngrediente extends javax.swing.JInternalFrame {

    BasededatosManager bd=new BasededatosManager();

    int idingrediente;

    public ModificarIngrediente(int idingrediente) {
```



```
initComponents();

this.idingrediente=idingrediente;

}

@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();
    jLabel3 = new javax.swing.JLabel();
    nombre = new javax.swing.JTextField();
    stock = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jLabel7 = new javax.swing.JLabel();
    idproveedor = new javax.swing.JTextField();

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

    jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
```



```
jLabel1.setForeground(new java.awt.Color(255, 204, 0));

jLabel1.setText("Modificar datos de ingrediente");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));

jLabel3.setText("Nombre:");


nombre.setBackground(new java.awt.Color(255, 204, 0));

nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nombreActionPerformed(evt);
    }
});


stock.setBackground(new java.awt.Color(255, 204, 0));

stock.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
stock.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        stockActionPerformed(evt);
    }
});
```



```
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jLabel6.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel6.setText("Stock:");
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton2.setText("Cancelar");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));
```




```
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton3.setText("Autollenar Campos");
```

```
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton3ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jLabel7.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel7.setText("ID Proveedor:");
```

```
idproveedor.setBackground(new java.awt.Color(255, 204, 0));
```

```
idproveedor.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

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

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

```
        idproveedorActionPerformed(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()  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
  
                .addContainerGap()  
  
                .addComponent(jButton3)  
  
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
                    .addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
  
                    .addComponent(jButton2,  
javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
            .addGroup(jPanel1Layout.createSequentialGroup()  
  
                .addGap(61, 61, 61)  
  
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
                    .addGroup(jPanel1Layout.createSequentialGroup()  
  

```



```
.addGap(45, 45, 45)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(24, 24, 24)

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPl
acement.RELATED)

.addComponent(stock,
javax.swing.GroupLayout.PREFERRED_SIZE, 87,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jLabel3)

.addGap(4, 4, 4)

.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE, 300,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jLabel7)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

.addComponent(idproveedor,
javax.swing.GroupLayout.PREFERRED_SIZE, 124,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel1))
```



```
.addGap(0, 38, Short.MAX_VALUE)))  
  
.addContainerGap()  
  
);  
  
jPanel1Layout.setVerticalGroup(  
  
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addGroup(jPanel1Layout.createSequentialGroup()  
  
.addGap(30, 30, 30)  
  
.addComponent(jLabel1)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 37, Short.MAX_VALUE)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
  
                                .addComponent(jLabel3,  
javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(nombre,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(stock, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(idproveedor,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(31, 31, 31)

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

.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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> //GEN-END: initComponents
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_nombreActionPerformed
```



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

```
}//GEN-LAST:event_nombreActionPerformed
```

```
private void stockActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_stockActionPerformed
```

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

```
}//GEN-LAST:event_stockActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("UPDATE ingredientes SET nombre='"+nombre.getText()+"",  
stock='"+stock.getText()+"", idproveedor='"+idproveedor.getText()+"' where  
idingredientes='"+idingrediente+"';");
```

```
JOptionPane.showMessageDialog(null, "Empleado ingresado en la base de  
datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```



```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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

```
try{
```

```
    ResultSet cnombre=bd.consultar("Select nombre from ingredientes where idingredientes='"+idingrediente+"';");
```

```
    ResultSet cstock=bd.consultar("Select stock from ingredientes where idingredientes='"+idingrediente+"';");
```

```
    ResultSet cproveedor=bd.consultar("Select idproveedor from ingredientes where idingredientes='"+idingrediente+"';");
```

```
    while(cnombre.next()&&cstock.next()&&cproveedor.next()){
```

```
        nombre.setText(cnombre.getObject(1).toString());
```

```
        stock.setText(cstock.getObject(1).toString());
```

```
        idproveedor.setText(cproveedor.getObject(1).toString());
```

```
    }
```

```
    } catch (SQLException ex) {
```

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

```
    }
```

```
}//GEN-LAST:event_jButton3ActionPerformed
```

```
private void idproveedorActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_idproveedorActionPerformed
```




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

```
}//GEN-LAST:event_idproveedorActionPerformed
```

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

```
private javax.swing.JTextField idproveedor;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel6;
```

```
private javax.swing.JLabel jLabel7;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JTextField nombre;
```

```
private javax.swing.JTextField stock;
```

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

```
}
```

Ventana Gerente – Pizzas

```
package Interfaces;
```

```
import Funciones.BasededatosManager;
```

```
import java.sql.ResultSet;
```

```
import javax.swing.JOptionPane;
```

Misael Hernández Villarreal 12041143

Mauricio Alejandro Martínez Pacheco 12041156



```
public class Pizzas extends javax.swing.JInternalFrame {

    int idempleado;

    BasededatosManager bd=new BasededatosManager();

    public Pizzas() {

        initComponents();

        this.idempleado=idempleado;

        ResultSet consulta=bd.consultar("SELECT * FROM pizzas;");

        String[] nomcolumnas=new String[]{"ID","Nombre","Precio","Foto"};

        jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jScrollPane1 = new javax.swing.JScrollPane();

        jTable1 = new javax.swing.JTable();

        jButton1 = new javax.swing.JButton();

        jButton2 = new javax.swing.JButton();

        jButton3 = new javax.swing.JButton();

        txtbuscar = new javax.swing.JTextField();

        jButton4 = new javax.swing.JButton();

    }

}
```



```
jButton5 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();


setClosable(true);

setIconifiable(true);

setMaximizable(true);

setResizable(true);

setTitle("Chulo's Pizza: Getente - Menu de Pizzas");


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


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 [] {
        "ID Pizza", "Nombre", "Ingredientes", "Precio"
    }
));

jScrollPane1.setViewportViewView(jTable1);
```



```
        jButton1.setBackground(new java.awt.Color(255, 204, 0));

        jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
                                                                                   jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pizza3.png"))); //
NOI18N

        jButton1.setText("Nueva Pizza");

        jButton1.addActionListener(new java.awt.event.ActionListener() {

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

                jButton1ActionPerformed(evt);

            }

        });
```

```
        jButton2.setBackground(new java.awt.Color(255, 204, 0));

        jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
                                                                                   jButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/italian1.png"))); //
NOI18N

        jButton2.setText("Modificar Pizza");

        jButton2.addActionListener(new java.awt.event.ActionListener() {

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

                jButton2ActionPerformed(evt);

            }

        });
```



```
jButton3.setBackground(new java.awt.Color(255, 204, 0));

jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/knife20.png"))); //
NOI18N

jButton3.setText("Eliminar Pizza");

txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
txtbuscar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtbuscarActionPerformed(evt);
    }
});

jButton4.setBackground(new java.awt.Color(255, 204, 0));

jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47
(1).png"))); // NOI18N

jButton4.setText("Buscar");

jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
```



```
}  
});
```

```
jButton5.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png"))); //  
NOI18N
```

```
jButton5.setText("Regresar");
```

```
jButton5.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton5ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton6.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton6.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png"))); //  
NOI18N
```

```
jButton6.setText("Actualizar");
```

```
jButton6.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton6ActionPerformed(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()  
                    .addGap(27, 27, 27)  
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
                        .addGroup(jPanel1Layout.createSequentialGroup()  
                            .addComponent(jButton1,  
                                javax.swing.GroupLayout.PREFERRED_SIZE, 191,  
                                javax.swing.GroupLayout.PREFERRED_SIZE)  
                            .addGap(48, 48, 48)  
                            .addComponent(jButton2,  
                                javax.swing.GroupLayout.PREFERRED_SIZE, 191,  
                                javax.swing.GroupLayout.PREFERRED_SIZE)  
                            .addGap(17, 17, 17))  
                        .addGroup(jPanel1Layout.createSequentialGroup()  
                            .addComponent(txtbuscar,  
                                javax.swing.GroupLayout.PREFERRED_SIZE, 373,  
                                javax.swing.GroupLayout.PREFERRED_SIZE))
```



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

    .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(18, 18, 18)

            .addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE,                128,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addContainerGap(99, Short.MAX_VALUE))

                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                            .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,                191,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addGap(28, 28, 28))))

    .addGroup(jPanel1Layout.createSequentialGroup())

        .addContainerGap()

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

                .addComponent(jScrollPane1)

                    .addGroup(jPanel1Layout.createSequentialGroup())

                        .addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE,                146,
javax.swing.GroupLayout.PREFERRED_SIZE)
```




```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
        .addComponent(jButton5,  
javax.swing.GroupLayout.PREFERRED_SIZE,                146,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
  
        .addContainerGap()  
  
    );  
  
    jPanel1Layout.setVerticalGroup(  
  
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
  
        .addGap(30, 30, 30)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)  
  
        .addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE,                36,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jButton2,  
javax.swing.GroupLayout.PREFERRED_SIZE,                36,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jButton3,  
javax.swing.GroupLayout.PREFERRED_SIZE,                36,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addGap(31, 31, 31)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton4)

.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(41, 41, 41)

.addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,          271,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

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

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE,          36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE,          36,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(15, Short.MAX_VALUE))

);

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



```
getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

);

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> //GEN-END: initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton1ActionPerformed

    // TODO add your handling code here:

    NuevaPizza np = new NuevaPizza();

    GerentePrincipal.GerentePrinc.add(np);

    np.toFront();

    np.show();

} //GEN-LAST:event_jButton1ActionPerformed
```



```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed

    // TODO add your handling code here:

    try{

        int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del proveedor que deseas modificar"));

        ModificacionPizza mp = new ModificacionPizza(id);

        GerentePrincipal.GerentePrinc.add(mp);

        mp.toFront();

        mp.show();

    }catch(NumberFormatException e){

        JOptionPane.showMessageDialog(null,"Ingresa un id válido","ERROR",JOptionPane.ERROR_MESSAGE);

    }

}

//GEN-LAST:event_jButton2ActionPerformed


private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_txtbuscarActionPerformed

    // TODO add your handling code here:

}

//GEN-LAST:event_txtbuscarActionPerformed


private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton5ActionPerformed
```



// TODO add your handling code here:

```
}//GEN-LAST:event_jButton5ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed
```

// TODO add your handling code here:

```
        ResultSet consulta=bd.consultar("SELECT * FROM pizzas where  
idpizzas="+txtbuscar.getText()+"");
```

```
        String[] nomcolumnas=new String[]{"ID","Nombre","Precio","Foto"};
```

```
        jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
}//GEN-LAST:event_jButton4ActionPerformed
```

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton6ActionPerformed
```

// TODO add your handling code here:

```
        ResultSet consulta=bd.consultar("SELECT * FROM pizzas;");
```

```
        String[] nomcolumnas=new String[]{"ID","Nombre","Precio","Foto"};
```

```
        jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
}//GEN-LAST:event_jButton6ActionPerformed
```

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

```
private javax.swing.JButton jButton1;
```



```
private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JPanel jPanel1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

private javax.swing.JTextField txtbuscar;

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

}
```

Ventana Gerente – Nueva Pizza

```
package Interfaces;

public class NuevaPizza extends javax.swing.JInternalFrame {

    public NuevaPizza() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jPanel3 = new javax.swing.JPanel();
```



```
jLabel5 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jTextField4 = new javax.swing.JTextField();

jTextField5 = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jLabel9 = new javax.swing.JLabel();

jTextField6 = new javax.swing.JTextField();

jLabel10 = new javax.swing.JLabel();

jButton3 = new javax.swing.JButton();


setClosable(true);

setIconifiable(true);

setTitle("Chulo's Pizza: Pizza Nueva");


jPanel3.setBackground(new java.awt.Color(204, 0, 0));


jLabel5.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 204, 0));

jLabel5.setText("Combinación Pizza Nueva");


jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
jLabel7.setForeground(new java.awt.Color(255, 204, 0));

jLabel7.setText("Nombre:");


jTextField4.setBackground(new java.awt.Color(255, 204, 0));

jTextField4.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

jTextField4.addActionListener(new java.awt.event.ActionListener() {

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

        jTextField4ActionPerformed(evt);

    }

});


jTextField5.setBackground(new java.awt.Color(255, 204, 0));

jTextField5.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

jTextField5.addActionListener(new java.awt.event.ActionListener() {

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

        jTextField5ActionPerformed(evt);

    }

});


jLabel8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jLabel8.setForeground(new java.awt.Color(255, 204, 0));

jLabel8.setText("Precio:");
```




```
jButton1.setBackground(new java.awt.Color(255, 204, 0));

jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton1.setText("Aceptar");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

        jButton1ActionPerformed(evt);

    }

});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));

jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton2.setText("Cancelar");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

        jButton2ActionPerformed(evt);

    }

});
```

```
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jLabel9.setForeground(new java.awt.Color(255, 204, 0));

jLabel9.setText("Descripcion:");
```

```
jTextField6.setBackground(new java.awt.Color(255, 204, 0));
```



```
jTextField6.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

```
jTextField6.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField6ActionPerformed(evt);  
    }  
});
```

```
jLabel10.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel10.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel10.setText("Foto:");
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton3.setText("Seleccionar Foto");
```

```
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton3ActionPerformed(evt);  
    }  
});
```

```
        javax.swing.GroupLayout jPanel3Layout = new  
        javax.swing.GroupLayout(jPanel3);
```

```
jPanel3.setLayout(jPanel3Layout);
```



```
jPanel3Layout.setHorizontalGroup(  
  
    JPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
    .addGroup(jPanel3Layout.createSequentialGroup()  
  
        .addGap(25, 25, 25)  
  
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
  
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
  
                .addGroup(javax.swing.GroupLayout.Alignment.LEADING,  
jPanel3Layout.createSequentialGroup()  
  
                    .addComponent(jLabel7)  
  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
  
                        .addComponent(jTextField4,  
javax.swing.GroupLayout.PREFERRED_SIZE, 337,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
                .addGroup(javax.swing.GroupLayout.Alignment.LEADING,  
jPanel3Layout.createSequentialGroup()  
  
                    .addGap(10, 10, 10)  
  
                    .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
                        .addGroup(jPanel3Layout.createSequentialGroup()  
  
                            .addGap(6, 6, 6)  
  
                            .addComponent(jLabel10)
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlac  
ement.RELATED)
```

```
.addComponent(jButton3,  
javax.swing.GroupLayout.PREFERRED_SIZE, 212,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(jPanel3Layout.createSequentialGroup())
```

```
.addComponent(jLabel8)
```

```
.addGap(4, 4, 4)
```

```
.addComponent(jTextField5,  
javax.swing.GroupLayout.PREFERRED_SIZE, 87,  
javax.swing.GroupLayout.PREFERRED_SIZE))))))
```

```
.addGroup(jPanel3Layout.createSequentialGroup())
```

```
.addComponent(jLabel9)
```

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

```
.addComponent(jTextField6,  
javax.swing.GroupLayout.PREFERRED_SIZE, 339,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addContainerGap(80, Short.MAX_VALUE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel3Layout.createSequentialGroup())
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING)
```



```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()

                                .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,          90,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                                .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,          90,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addGap(72, 72, 72))

                                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()

                                .addComponent(jLabel5)

                                .addGap(88, 88, 88))))

);

jPanel3Layout.setVerticalGroup(

    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel3Layout.createSequentialGroup()

            .addGap(22, 22, 22)

            .addComponent(jLabel5)

            .addGap(38, 38, 38)

            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.
.Alignment.BASELINE)
```



```
.addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jTextField6,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(7, 7, 7)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jTextField5,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATIVE)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton3)

.addComponent(jLabel10,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(19, 19, 19))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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



```
.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
);  
  
layout.setVerticalGroup(  
  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        );  
  
pack();  
  
} // </editor-fold> // GEN-END: initComponents  
  
private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_jTextField4ActionPerformed  
  
    // TODO add your handling code here:  
  
} // GEN-LAST:event_jTextField4ActionPerformed  
  
private void jTextField5ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_jTextField5ActionPerformed  
  
    // TODO add your handling code here:  
  
} // GEN-LAST:event_jTextField5ActionPerformed
```




```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
setVisible(false);
```

```
//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
//GEN-LAST:event_jButton2ActionPerformed
```

```
private void jTextField6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField6ActionPerformed
```

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

```
//GEN-LAST:event_jTextField6ActionPerformed
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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

```
//GEN-LAST:event_jButton3ActionPerformed
```



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

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

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

}
```

Ventana Gerente – Modificar Pizza

```
package Interfaces;

import Funciones.BasededatosManager;

import java.awt.Image;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.sql.PreparedStatement;
```



```
import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.imageio.ImageIO;

import javax.swing.ImageIcon;

import javax.swing.JFileChooser;

import javax.swing.JOptionPane;

public class ModificacionPizza extends javax.swing.JInternalFrame {

    int idpizza;

    FileInputStream fisfoto;

    int longitudBytes;

    public ModificacionPizza(int idpizza) {

        initComponents();

        this.idpizza=idpizza;

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jPanel4 = new javax.swing.JPanel();

        jLabel9 = new javax.swing.JLabel();

        jLabel10 = new javax.swing.JLabel();
```



```
jTextField6 = new javax.swing.JTextField();

jTextField7 = new javax.swing.JTextField();

jLabel11 = new javax.swing.JLabel();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jLabel12 = new javax.swing.JLabel();

jTextField8 = new javax.swing.JTextField();

jPanel3 = new javax.swing.JPanel();

jLabel5 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

nombre = new javax.swing.JTextField();

jLabel1 = new javax.swing.JLabel();

precio = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jButton5 = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();


jPanel4.setBackground(new java.awt.Color(204, 0, 0));


jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N

jLabel9.setForeground(new java.awt.Color(255, 204, 0));
```



```
jLabel9.setText("Combinación Pizza Nueva");
```

```
jLabel10.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel10.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel10.setText("Nombre:");
```

```
jTextField6.setBackground(new java.awt.Color(255, 204, 0));
```

```
jTextField6.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

```
jTextField6.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jTextField6ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jTextField7.setBackground(new java.awt.Color(255, 204, 0));
```

```
jTextField7.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

```
jTextField7.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jTextField7ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel11.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
jLabel11.setForeground(new java.awt.Color(255, 204, 0));

jLabel11.setText("Precio:");


jButton3.setBackground(new java.awt.Color(255, 204, 0));

jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton3.setText("Aceptar");

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

        jButton3ActionPerformed(evt);

    }

});


jButton4.setBackground(new java.awt.Color(255, 204, 0));

jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton4.setText("Cancelar");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

        jButton4ActionPerformed(evt);

    }

});


jLabel12.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jLabel12.setForeground(new java.awt.Color(255, 204, 0));
```



```
jLabel12.setText("Descripcion:");
```

```
jTextField8.setBackground(new java.awt.Color(255, 204, 0));
```

```
jTextField8.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

```
jTextField8.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jTextField8ActionPerformed(evt);
```

```
    }
```

```
});
```

```
                                javax.swing.GroupLayout    jPanel4Layout    =    new  
javax.swing.GroupLayout(jPanel4);
```

```
jPanel4.setLayout(jPanel4Layout);
```

```
jPanel4Layout.setHorizontalGroup(
```

```
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel4Layout.createSequentialGroup()
```

```
            .addGroup(jPanel4Layout.createSequentialGroup()
```

```
                .addGap(25, 25, 25)
```

```
                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
                    .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
                        .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addGap(10, 10, 10)

.addComponent(jLabel11)

.addGap(4, 4, 4)

.addComponent(jTextField7,
javax.swing.GroupLayout.PREFERRED_SIZE, 87,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel4Layout.createSequentialGroup())

.addComponent(jLabel10)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)

.addComponent(jTextField6,
javax.swing.GroupLayout.PREFERRED_SIZE, 337,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel4Layout.createSequentialGroup())

.addComponent(jLabel12)

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

.addComponent(jTextField8,
javax.swing.GroupLayout.PREFERRED_SIZE, 339,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addContainerGap(80, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel4Layout.createSequentialGroup())

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
```




```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel4Layout.createSequentialGroup())

                .addComponent(jLabel9)

                .addGap(72, 72, 72))

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel4Layout.createSequentialGroup())

                                .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,                90,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                                .addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE,                90,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(67, 67, 67))))

);

jPanel4Layout.setVerticalGroup(

                jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

                .addGroup(jPanel4Layout.createSequentialGroup())

                .addGap(22, 22, 22)

                .addComponent(jLabel9)

                .addGap(60, 60, 60)
```



```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)
```

```
                                .addComponent(jLabel10,  
javax.swing.GroupLayout.PREFERRED_SIZE,                24,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
                                .addComponent(jTextField6,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)
```

```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)
```

```
                                .addComponent(jLabel12,  
javax.swing.GroupLayout.PREFERRED_SIZE,                24,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
                                .addComponent(jTextField8,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(7, 7, 7)
```

```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)
```

```
                                .addComponent(jTextField7,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel11,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(78, 78, 78)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 30, Short.MAX_VALUE)

.addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addContainerGap()

);

setClosable(true);

setIconifiable(true);

setMaximizable(true);

setResizable(true);

setTitle("Chulo's Pizza: Modificar Pizza");

jPanel3.setBackground(new java.awt.Color(204, 0, 0));

jLabel5.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 204, 0));

jLabel5.setText("Modificacion Pizza");
```



```
jButton1.setBackground(new java.awt.Color(255, 204, 0));

jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton1.setText("Aceptar");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

        jButton1ActionPerformed(evt);

    }

});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));

jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton2.setText("Cancelar");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

        jButton2ActionPerformed(evt);

    }

});
```

```
nombre.setBackground(new java.awt.Color(255, 204, 0));

nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

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

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



```
nombreActionPerformed(evt);  
  
}  
  
});  
  
jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel1.setForeground(new java.awt.Color(255, 204, 0));  
jLabel1.setText("Nombre:");  
  
precio.setBackground(new java.awt.Color(255, 204, 0));  
precio.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
precio.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        precioActionPerformed(evt);  
    }  
});  
  
jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel3.setForeground(new java.awt.Color(255, 204, 0));  
jLabel3.setText("Precio:");  
  
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel4.setForeground(new java.awt.Color(255, 204, 0));  
jLabel4.setText("Foto:");
```



```
jButton5.setBackground(new java.awt.Color(255, 204, 0));

jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton5.setText("Seleccionar foto");

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

        jButton5ActionPerformed(evt);

    }

});
```

```
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
jLabel6.setForeground(new java.awt.Color(255, 204, 0));
jLabel6.setText("directorio");
```

```
        javax.swing.GroupLayout jPanel3Layout = new  
javax.swing.GroupLayout(jPanel3);  
  
    jPanel3.setLayout(jPanel3Layout);  
  
    jPanel3Layout.setHorizontalGroup(  
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel3Layout.createSequentialGroup()  
                .add(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.TRAILING)
```



```
.addGroup(jPanel3Layout.createSequentialGroup())

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

        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup())

                .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,          90,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

                        .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,          102,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup())

                    .addComponent(jLabel5)

                        .addGap(72, 72, 72))))

                .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel3Layout.createSequentialGroup())

                    .addGap(57, 57, 57)

                        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.TRAILING)

                            .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel3Layout.createSequentialGroup())
```



```
.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE, 337,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel3Layout.createSequentialGroup())

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.LEADING)

.addComponent(jLabel3)

.addComponent(jLabel4))

.addGap(24, 24, 24)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup())

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 165,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPl
acement.RELATED)

.addComponent(jLabel6))

.addComponent(precio,
javax.swing.GroupLayout.PREFERRED_SIZE, 87,
javax.swing.GroupLayout.PREFERRED_SIZE))))))

.addGap(0, 59, Short.MAX_VALUE))
```




```
);  
  
jPanel3Layout.setVerticalGroup(  
  
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
    .addGroup(jPanel3Layout.createSequentialGroup()  
  
        .addGap(22, 22, 22)  
  
        .addComponent(jLabel5)  
  
        .addGap(35, 35, 35)  
  
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)  
  
            .addComponent(jLabel1,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
  
            .addComponent(nombre,  
                javax.swing.GroupLayout.PREFERRED_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)  
  
            .addComponent(precio,  
                javax.swing.GroupLayout.PREFERRED_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton5)

.addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel6))

.addGap(31, 31, 31)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(22, 22, 22))

);
```

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

getContentPane().setLayout(layout);
```



```
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
    );  
layout.setVerticalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
    );  
  
pack();  
}  
// </editor-fold> //GEN-END: initComponents  
  
private void jTextField6ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-  
FIRST:event_jTextField6ActionPerformed  
    // TODO add your handling code here:  
}  
//GEN-LAST:event_jTextField6ActionPerformed  
  
private void jTextField7ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-  
FIRST:event_jTextField7ActionPerformed  
    // TODO add your handling code here:
```



```
}//GEN-LAST:event_jTextField7ActionPerformed
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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

```
setVisible(false);
```

```
}//GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed
```

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

```
}//GEN-LAST:event_jButton4ActionPerformed
```

```
private void jTextField8ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField8ActionPerformed
```

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

```
}//GEN-LAST:event_jTextField8ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```



```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed

    try {

        // TODO add your handling code here:

        setVisible(false);String query = ("UPDATE pizzas SET nombre=?, precio=?,
foto=? WHERE idpizzas="+idpizza+"");

        BasededatosManager bd = new BasededatosManager();

                                PreparedStatement    pstmt    =
bd.getConexion("chulospizza").prepareStatement(query);

        //method to insert a stream of bytes

        pstmt.setString(1, nombre.getText());

        pstmt.setString(2, precio.getText());

        pstmt.setBinaryStream(3, fisfoto);

        pstmt.executeUpdate();

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

        dispose();

    } catch (SQLException ex) {

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

    }

}

} //GEN-LAST:event_jButton1ActionPerformed
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nombreActionPerformed
```



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

```
}//GEN-LAST:event_nombreActionPerformed
```

```
private void precioActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_precioActionPerformed
```

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

```
}//GEN-LAST:event_precioActionPerformed
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton5ActionPerformed
```

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

```
JFileChooser se = new JFileChooser("Elegir Logo");
```

```
se.setFileSelectionMode(JFileChooser.FILES_ONLY);
```

```
int estado = se.showOpenDialog(null);
```

```
if (estado == JFileChooser.APPROVE_OPTION) {
```

```
    try {
```

```
        fisfoto = new FileInputStream(se.getSelectedFile());
```

```
        this.longitudBytes = (int) se.getSelectedFile().length();
```

```
        jLabel6.setText(se.getSelectedFile().getPath());
```

```
    } catch (FileNotFoundException ex) {
```

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

```
    } catch (IOException ex) {
```



```
        ex.printStackTrace();
    }
}

//GEN-LAST:event_jButton5ActionPerformed
```

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

```
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
```



```
private javax.swing.JTextField jTextField6;  
  
private javax.swing.JTextField jTextField7;  
  
private javax.swing.JTextField jTextField8;  
  
private javax.swing.JTextField nombre;  
  
private javax.swing.JTextField precio;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Ventana Gerente – Proveedores

```
package Interfaces;  
  
import Funciones.BasededatosManager;  
  
import java.sql.ResultSet;  
  
import javax.swing.JOptionPane;  
  
public class Proveedores extends javax.swing.JInternalFrame {  
  
    int idempleado;  
  
    BasededatosManager bd=new BasededatosManager();  
  
    public Proveedores(int idempleado) {  
  
        initComponents();  
  
        this.idempleado=idempleado;  
  
        ResultSet consulta=bd.consultar("SELECT * FROM proveedores;");  
  
        String[] nomcolumnas=new String[]{"ID","Nombre","Direccion","Telefono"};  
  
        jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));  
  
    }  
  
    @SuppressWarnings("unchecked")
```




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

```
private void initComponents() {  
  
    jPanel1 = new javax.swing.JPanel();  
    jScrollPane1 = new javax.swing.JScrollPane();  
    jTable1 = new javax.swing.JTable();  
    jButton1 = new javax.swing.JButton();  
    jButton2 = new javax.swing.JButton();  
    jButton3 = new javax.swing.JButton();  
    txtbuscar = new javax.swing.JTextField();  
    jButton4 = new javax.swing.JButton();  
    jButton5 = new javax.swing.JButton();  
    jButton6 = new javax.swing.JButton();  
  
    setClosable(true);  
    setIconifiable(true);  
    setMaximizable(true);  
    setResizable(true);  
    setTitle("Chulo's Pizza: Gerente - Proveedores");  
    setToolTipText("");  
  
    jPanel1.setBackground(new java.awt.Color(204, 0, 0));  
}
```



```
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 [] {
```

```
        "ID Proveedor", "Nombre", "Direccion", "Telefono"
```

```
    }
```

```
));
```

```
jScrollPane1.setViewportViewView(jTable1);
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
                                                    jButton1.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/buildings5.png"))); //  
NOI18N
```

```
jButton1.setText("Agregar Proveedor");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```



```
}  
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pencil41.png"))); //  
NOI18N
```

```
jButton2.setText("Editar Proveedor");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton3.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/cross108.png"))); //  
NOI18N
```

```
jButton3.setText("Eliminar Proveedor");
```

```
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton3ActionPerformed(evt);
```



```
}  
  
});  
  
txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
txtbuscar.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtbuscarActionPerformed(evt);  
    }  
});  
  
jButton4.setBackground(new java.awt.Color(255, 204, 0));  
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton4.setIcon(new  
    javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47  
    (1).png"))); // NOI18N  
jButton4.setText("Buscar");  
jButton4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton4ActionPerformed(evt);  
    }  
});  
  
jButton5.setBackground(new java.awt.Color(255, 204, 0));
```



```
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton5.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png"))); //
NOI18N

jButton5.setText("Regresar");

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

        jButton5ActionPerformed(evt);

    }

});

jButton6.setBackground(new java.awt.Color(255, 204, 0));

jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png"))); //
NOI18N

jButton6.setText("Actualizar");

jButton6.addActionListener(new java.awt.event.ActionListener() {

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

        jButton6ActionPerformed(evt);

    }

});
```



```
jPanel1.setLayout(new javax.swing.GroupLayout(jPanel1));

jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(101, 101, 101)
            .addComponent(txtbuscar,
                javax.swing.GroupLayout.PREFERRED_SIZE, 373,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(27, 27, 27)
                    .addComponent(jButton1,
                        javax.swing.GroupLayout.PREFERRED_SIZE, 204,
                        javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(18, 18, 18)
```



```
.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,                211,
javax.swing.GroupLayout.PREFERRED_SIZE)))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE,                128,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,                206,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(0, 19, Short.MAX_VALUE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addComponent(jScrollPane1)

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE,                146,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```



```
.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))))

.addContainerGap()

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

.addGap(30, 30, 30)

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

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(31, 31, 31)

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

.addComponent(jButton4)
```




```
.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(41, 41, 41)

.addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 271,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

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

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(15, Short.MAX_VALUE))

);
```

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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



```
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
);  
  
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> // GEN-END: initComponents
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_jButton1ActionPerformed
```

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

```
    AgregarProveedor ap = new AgregarProveedor();
```

```
    GerentePrincipal.GerentePrinc.add(ap);
```

```
    ap.toFront();
```

```
    ap.show();
```

```
} // GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_jButton2ActionPerformed
```

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



```
try{

    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del
proveedor que deseas modificar"));

    ModificarProveedor mp = new ModificarProveedor(id);

    GerentePrincipal.GerentePrinc.add(mp);

    mp.toFront();

    mp.show();

}catch(NumberFormatException e){

    JOptionPane.showMessageDialog(null,"Ingresa un id
válido","ERROR",JOptionPane.ERROR_MESSAGE);

}

}

//GEN-LAST:event_jButton2ActionPerformed

private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_txtbuscarActionPerformed

    // TODO add your handling code here:

}

//GEN-LAST:event_txtbuscarActionPerformed

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton5ActionPerformed

    // TODO add your handling code here:

}

//GEN-LAST:event_jButton5ActionPerformed
```



```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed

    // TODO add your handling code here:

    try{

        int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del proveedor que deseas eliminar"));

        bd.ejecutar("DELETE FROM proveedores WHERE idproveedor='"+id+"'");

        JOptionPane.showMessageDialog(null, "El proveedor ha sido eliminado de la base de datos");

    }catch(NumberFormatException e){

        JOptionPane.showMessageDialog(null,"Ingresa un id válido","ERROR",JOptionPane.ERROR_MESSAGE);

    }

}

//GEN-LAST:event_jButton3ActionPerformed


private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton6ActionPerformed

    // TODO add your handling code here:

    ResultSet consulta=bd.consultar("SELECT * FROM proveedores;");

    String[] nomcolumnas=new String[]{"ID","Nombre","Direccion","Telefono"};

    jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));

}

//GEN-LAST:event_jButton6ActionPerformed
```



```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed
```

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

```
    ResultSet consulta=bd.consultar("SELECT * FROM proveedores where idproveedor="+txtbuscar.getText()+"");
```

```
    String[] nomcolumnas=new String[]{"ID","Nombre","Direccion","Telefono"};
```

```
    jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
}//GEN-LAST:event_jButton4ActionPerformed
```

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

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JButton jButton4;
```

```
private javax.swing.JButton jButton5;
```

```
private javax.swing.JButton jButton6;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JScrollPane jScrollPane1;
```

```
private javax.swing.JTable jTable1;
```

```
private javax.swing.JTextField txtbuscar;
```

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

```
}
```

**Ventana Gerente – Nuevo Proveedor**

```
package Interfaces;

import Funciones.BasededatosManager;

import javax.swing.JOptionPane;

public class AgregarProveedor extends javax.swing.JFrame {

    BasededatosManager bd=new BasededatosManager();

    public AgregarProveedor() {

        initComponents();

    }

    @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();

        jLabel3 = new javax.swing.JLabel();

        nombre = new javax.swing.JTextField();

        jLabel4 = new javax.swing.JLabel();

        direccion = new javax.swing.JTextField();

        telefono = new javax.swing.JTextField();

        jLabel9 = new javax.swing.JLabel();

        jButton1 = new javax.swing.JButton();

    }

}
```



```
jButton2 = new javax.swing.JButton();

setClosable(true);

setIconifiable(true);

setTitle("Chulo's Pizza: Agregar Proveedor");


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


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Datos de proveedor nuevo");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
jLabel3.setText("Nombre(s):");


nombre.setBackground(new java.awt.Color(255, 204, 0));
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nombreActionPerformed(evt);
    }
});
```



```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Dirección");
```

```
direccion.setBackground(new java.awt.Color(255, 204, 0));
```

```
direccion.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        direccionActionPerformed(evt);
```

```
    }
```

```
});
```

```
telefono.setBackground(new java.awt.Color(255, 204, 0));
```

```
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        telefonoActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel9.setForeground(new java.awt.Color(255, 204, 0));
```




```
jLabel9.setText("Teléfono:");
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton2.setText("Cancelar");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(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()  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
                .addGroup(jPanel1Layout.createSequentialGroup()  
  
                    .addGap(54, 54, 54)  
  
                    .addComponent(jLabel3)  
  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
  
                        .addComponent(nombre,  
javax.swing.GroupLayout.PREFERRED_SIZE, 326,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
  
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
  
                        .addComponent(jLabel4)  
  
                        .addComponent(jLabel9))  
  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED))  
  
            )  
  
        )  
  
    )  
  
)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Group
pLayout.Alignment.LEADING)

                                .addComponent(telefono,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                                136,

                                .addComponent(direccion,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)))
                                331,

                                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                                jPanel1Layout.createSequentialGroup())

                                .addComponent(jButton1,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                                90,

                                .addGap(18, 18, 18)

                                .addComponent(jButton2,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)))
                                90,

                                .addGroup(jPanel1Layout.createSequentialGroup())

                                .addGap(79, 79, 79)

                                .addComponent(jLabel1)))

                                .addContainerGap(66, Short.MAX_VALUE))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

                                .addGroup(jPanel1Layout.createSequentialGroup())
```



```
.addGap(25, 25, 25)

.addComponent(jLabel1)

.addGap(39, 39, 39)

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

.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE,
24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(direccion,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
```



```
.addComponent(teléfono,  
    javax.swing.GroupLayout.PREFERRED_SIZE,  
    javax.swing.GroupLayout.DEFAULT_SIZE,  
    javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jLabel9,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addGap(36, 36, 36)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
        .Alignment.BASELINE)  
        .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
        .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
    .addGap(29, 29, 29))  
);  
  
        javax.swing.GroupLayout layout = new  
        javax.swing.GroupLayout(getContentPane());  
  
        getContentPane().setLayout(layout);  
  
        layout.setHorizontalGroup(  
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
        );
```



```
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> //GEN-END: initComponents  
  
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-  
FIRST:event_jButton2ActionPerformed  
  
    // TODO add your handling code here:  
  
    dispose();  
}  
//GEN-LAST:event_jButton2ActionPerformed  
  
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-  
FIRST:event_jButton1ActionPerformed  
  
    // TODO add your handling code here:  
  
    bd.ejecutar("INSERT INTO proveedores(nombre, direccion, telefono)  
VALUES('"+nombre.getText()+"','"+direccion.getText()+"','"+telefono.getText()+"');");  
  
    JOptionPane.showMessageDialog(null, "ingrediente ingresado en la base de  
datos");  
  
    dispose();  
}  
//GEN-LAST:event_jButton1ActionPerformed
```



```
private void telefonoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_telefonoActionPerformed
```

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

```
//GEN-LAST:event_telefonoActionPerformed
```

```
private void direccionActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_direccionActionPerformed
```

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

```
//GEN-LAST:event_direccionActionPerformed
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nombreActionPerformed
```

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

```
//GEN-LAST:event_nombreActionPerformed
```

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

```
private javax.swing.JTextField direccion;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel3;
```



```
private javax.swing.JLabel jLabel4;  
  
private javax.swing.JLabel jLabel9;  
  
private javax.swing.JPanel jPanel1;  
  
private javax.swing.JTextField nombre;  
  
private javax.swing.JTextField telefono;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Ventana Gerente – Modificar Proveedor

```
package Interfaces;  
  
import Funciones.BasededatosManager;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.JOptionPane;  
  
public class ModificarProveedor extends javax.swing.JInternalFrame {  
  
    BasededatosManager bd=new BasededatosManager();  
  
    int idproveedor;  
  
    public ModificarProveedor(int idproveedor) {  
  
        initComponents();  
  
        this.idproveedor=idproveedor;  
  
    }  
  
    @SuppressWarnings("unchecked")
```




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

```
private void initComponents() {  
  
    jPanel4 = new javax.swing.JPanel();  
    jLabel17 = new javax.swing.JLabel();  
    jLabel18 = new javax.swing.JLabel();  
    nombre = new javax.swing.JTextField();  
    jLabel19 = new javax.swing.JLabel();  
    direccion = new javax.swing.JTextField();  
    telefono = new javax.swing.JTextField();  
    jLabel20 = new javax.swing.JLabel();  
    jButton7 = new javax.swing.JButton();  
    jButton8 = new javax.swing.JButton();  
    jButton13 = new javax.swing.JButton();  
  
    setClosable(true);  
    setIconifiable(true);  
    setTitle("Chulo's Pizza: Modificar Proveedor");  
  
    jPanel4.setBackground(new java.awt.Color(204, 0, 0));  
  
    jLabel17.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
```



```
jLabel17.setForeground(new java.awt.Color(255, 204, 0));

jLabel17.setText("Modificar datos de Proveedor");


jLabel18.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel18.setForeground(new java.awt.Color(255, 204, 0));
jLabel18.setText("Nombre(s):");


nombre.setBackground(new java.awt.Color(255, 204, 0));
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField2ActionPerformed(evt);
    }
});


jLabel19.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N
jLabel19.setForeground(new java.awt.Color(255, 204, 0));
jLabel19.setText("Dirección");


direccion.setBackground(new java.awt.Color(255, 204, 0));
direccion.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
direccion.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
        jTextField4ActionPerformed(evt);  
    }  
});  
  
telefono.setBackground(new java.awt.Color(255, 204, 0));  
  
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
  
telefono.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField7ActionPerformed(evt);  
    }  
});  
  
jLabel20.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel20.setForeground(new java.awt.Color(255, 204, 0));  
jLabel20.setText("Teléfono:");  
  
jButton7.setBackground(new java.awt.Color(255, 204, 0));  
jButton7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton7.setText("Aceptar");  
jButton7.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```



```
});
```

```
jButton8.setBackground(new java.awt.Color(255, 204, 0));

jButton8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton8.setText("Cancelar");

jButton8.addActionListener(new java.awt.event.ActionListener() {

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

        jButton2ActionPerformed(evt);

    }

});
```

```
jButton13.setBackground(new java.awt.Color(255, 204, 0));

jButton13.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton13.setText("Autollenar campos");

jButton13.addActionListener(new java.awt.event.ActionListener() {

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

        jButton13jButton1ActionPerformed(evt);

    }

});
```

```
                                javax.swing.GroupLayout    jPanel4Layout    =    new
javax.swing.GroupLayout(jPanel4);

jPanel4.setLayout(jPanel4Layout);
```



```
jPanel4Layout.setHorizontalGroup(  
  
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
        .addGroup(jPanel4Layout.createSequentialGroup()  
  
            .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
  
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel4Layout.createSequentialGroup()  
  
                        .addContainerGap()  
  
                        .addComponent(jButton13)  
  
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
                            .addComponent(jButton7,  
javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
  
                                    .addComponent(jButton8,  
javax.swing.GroupLayout.PREFERRED_SIZE, 90,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
                                        .addGroup(jPanel4Layout.createSequentialGroup()  
  
                                            .addGap(54, 54, 54)  
  
                                            .addComponent(jLabel18)
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)
```

```
.addComponent(nombre,  
javax.swing.GroupLayout.PREFERRED_SIZE, 326,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addGroup(jPanel4Layout.createSequentialGroup())
```

```
.addGap(59, 59, 59)
```

```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupL  
ayout.Alignment.TRAILING)
```

```
.addComponent(jLabel19)
```

```
.addComponent(jLabel20))
```

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

```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupL  
ayout.Alignment.LEADING)
```

```
.addComponent(telefono,  
javax.swing.GroupLayout.PREFERRED_SIZE, 136,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(direccion,  
javax.swing.GroupLayout.PREFERRED_SIZE, 331,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addGroup(jPanel4Layout.createSequentialGroup())
```

```
.addGap(44, 44, 44)
```

```
.addComponent(jLabel17)))
```

```
.addContainerGap(29, Short.MAX_VALUE))
```



```
);  
  
jPanel4Layout.setVerticalGroup(  
  
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
    .addGroup(jPanel4Layout.createSequentialGroup()  
  
        .addGap(25, 25, 25)  
  
        .addComponent(jLabel17)  
  
        .addGap(18, 18, 18)  
  
        .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)  
  
            .addComponent(jLabel18,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
  
            .addComponent(nombre,  
                javax.swing.GroupLayout.PREFERRED_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
        .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)  
  
            .addComponent(direccion,  
                javax.swing.GroupLayout.PREFERRED_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel19,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(telefono,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel20,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton8, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton13, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(35, 35, 35))

);
```




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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

                .addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        );

        layout.setVerticalGroup(

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

                .addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        );

        pack();

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

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton2ActionPerformed

        // TODO add your handling code here:

        dispose();

    } //GEN-LAST:event_jButton2ActionPerformed
```



```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("UPDATE proveedores SET nombre='"+nombre.getText()+"",  
direccion='"+direccion.getText()+"', telefono='"+telefono.getText()+"' where  
idproveedor='"+idproveedor+"';");
```

```
JOptionPane.showMessageDialog(null, "Empleado ingresado en la base de  
datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jTextField7ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField7ActionPerformed
```

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

```
}//GEN-LAST:event_jTextField7ActionPerformed
```

```
private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField4ActionPerformed
```

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

```
}//GEN-LAST:event_jTextField4ActionPerformed
```

```
private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField2ActionPerformed
```

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



```
}//GEN-LAST:event_jTextField2ActionPerformed
```

```
private void jButton13jButton1ActionPerformed(java.awt.event.ActionEvent evt)
{
    //GEN-FIRST:event_jButton13jButton1ActionPerformed

        // TODO add your handling code here:

        try{

            ResultSet cnombre=bd.consultar("Select nombre from proveedores where
            idproveedor='"+idproveedor+"';");

            ResultSet cdireccion=bd.consultar("Select direccion from proveedores
            where idproveedor='"+idproveedor+"';");

            ResultSet ctelefono=bd.consultar("Select telefono from proveedores where
            idproveedor='"+idproveedor+"';");

            while(cnombre.next() && cdireccion.next() && ctelefono.next()){

                nombre.setText(cnombre.getObject(1).toString());

                direccion.setText(cdireccion.getObject(1).toString());

                telefono.setText(ctelefono.getObject(1).toString());

            }

        } catch (SQLException ex) {

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

        }

    }
}

//GEN-LAST:event_jButton13jButton1ActionPerformed
```



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

```
private javax.swing.JTextField direccion;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton10;
```

```
private javax.swing.JButton jButton11;
```

```
private javax.swing.JButton jButton12;
```

```
private javax.swing.JButton jButton13;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JButton jButton4;
```

```
private javax.swing.JButton jButton5;
```

```
private javax.swing.JButton jButton6;
```

```
private javax.swing.JButton jButton7;
```

```
private javax.swing.JButton jButton8;
```

```
private javax.swing.JButton jButton9;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel10;
```

```
private javax.swing.JLabel jLabel11;
```

```
private javax.swing.JLabel jLabel12;
```

```
private javax.swing.JLabel jLabel13;
```

```
private javax.swing.JLabel jLabel14;
```

```
private javax.swing.JLabel jLabel15;
```

```
private javax.swing.JLabel jLabel16;
```



```
private javax.swing.JLabel jLabel17;  
private javax.swing.JLabel jLabel18;  
private javax.swing.JLabel jLabel19;  
private javax.swing.JLabel jLabel20;  
private javax.swing.JLabel jLabel21;  
private javax.swing.JLabel jLabel22;  
private javax.swing.JLabel jLabel23;  
private javax.swing.JLabel jLabel24;  
private javax.swing.JLabel jLabel25;  
private javax.swing.JLabel jLabel26;  
private javax.swing.JLabel jLabel27;  
private javax.swing.JLabel jLabel28;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JPanel jPanel1;  
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.JTextField jTextField10;
```



```
private javax.swing.JTextField jTextField11;

private javax.swing.JTextField jTextField12;

private javax.swing.JTextField jTextField16;

private javax.swing.JTextField jTextField17;

private javax.swing.JTextField jTextField18;

private javax.swing.JTextField jTextField19;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField20;

private javax.swing.JTextField jTextField21;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField7;

private javax.swing.JTextField jTextField8;

private javax.swing.JTextField jTextField9;

private javax.swing.JTextField nombre;

private javax.swing.JTextField telefono;

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

}
```

Cajeros

Al igual que con el sistema de Gerentes primeramente declaramos nuevas funciones aparte de la de Base de Datos Manager y la del FileChooser como lo son para agregar fondos a las ventanas, realizar los PDF y para poder hacer mejoras en cuanto a estética en Tablas.

Ventana Cajeros – Deskop con fondo



```
package Funciones;

import java.awt.Graphics;

import java.awt.Image;

import javax.swing.ImageIcon;

import javax.swing.JDesktopPane;

public class DesktopConFondo extends JDesktopPane {

    private Image imagen;

    public DesktopConFondo() {

    }

    public DesktopConFondo(String nombrelimagen) {

        if (nombrelimagen != null) {

            imagen = new ImageIcon(

                getClass().getResource(nombrelimagen)

                ).getImage();

        }

    }

    public DesktopConFondo(Image imagenInicial) {

        if (imagenInicial != null) {

            imagen = imagenInicial;

        }

    }

}
```



```
}  
  
}
```

```
public void setImagen(String nombrelImagen) {  
    if (nombrelImagen != null) {  
        imagen = new ImageIcon(  
            getClass().getResource(nombrelImagen)  
            ).getImage();  
    } else {  
  
        imagen = null;  
    }  
  
    repaint();  
}
```

```
public void setImagen(Image nuevaImagen) {  
    imagen = nuevaImagen;  
  
    repaint();  
}
```

@Override



```
public void paint(Graphics g) {  
    if (imagen != null) {  
        g.drawImage(imagen, 0, 0, getWidth(), getHeight(),  
            this);  
        setOpaque(false);  
    } else{  
        setOpaque(true);  
    }  
    super.paint(g);  
}
```

Ventana Cajeros – PDF

```
package Funciones;  
  
import com.itextpdf.text.BadElementException;  
  
import com.itextpdf.text.BaseColor;  
  
import java.io.File;  
  
import com.itextpdf.text.Document;  
  
import com.itextpdf.text.DocumentException;  
  
import com.itextpdf.text.Element;  
  
import com.itextpdf.text.Font;  
  
import com.itextpdf.text.Font.FontFamily;  
  
import com.itextpdf.text.Image;  
  
import com.itextpdf.text.PageSize;
```



```
import com.itextpdf.text.Paragraph;

import com.itextpdf.text.Rectangle;

import com.itextpdf.text.pdf.PdfPCell;

import com.itextpdf.text.pdf.PdfPTable;

import com.itextpdf.text.pdf.PdfWriter;

import java.awt.Desktop;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import java.sql.SQLException;

import java.time.LocalDate;

import java.util.logging.Level;

import java.util.logging.Logger;

public class PedidoPDF {

    File archivo;

    FileChuser dir=new FileChuser();

    String directorio;

    Font f=new Font(FontFamily.HELVETICA,8,Font.NORMAL,BaseColor.BLACK);

    String idpedido;
```



```
String cliente[];
```

```
String vendedor[];
```

```
String lineas[][];
```

```
int cantidadlineas;
```

```
String []totales;
```

```
BasededatosManager bd=new BasededatosManager();
```

```
PdfPCell vacio=new PdfPCell(new Paragraph(" "));
```

```
public PedidoPDF(String id,String nombrecliente,String detalle[],int cantidad)
throws FileNotFoundException, DocumentException, IOException{
```

```
    try {
```

```
        this.idpedido=id;
```

```
        this.cliente=llenarVector("SELECT nombre,direccion,telefono FROM
clientes WHERE nombre='"+nombrecliente+"";");
```

```
        this.vendedor=llenarVector("SELECT E.nombres, E.apellidos FROM
Empleados E, pedidos P WHERE P.Empleados_idEmpleados=E.idEmpleados
AND P.idpedidos='"+id+"";");
```

```
        this.lineas=detalle;
```

```
        this.cantidadlineas=cantidad;
```

```
        this.totales=llenarVector("SELECT total,iva,totalneto FROM pedidos
WHERE idpedidos='"+idpedido+"";");
```

```
        this.directorio=dir.obtenerDirectorio(".pdf");
```

```
        this.archivo=new File(directorio);
```

```
        Document documento=new Document(PageSize.A6);
```



```
FileOutputStream ficheroPdf=new FileOutputStream(archivo);

PdfWriter.getInstance(documento, ficheroPdf).setInitialLeading(20);

documento.setMargins(0,0,1,0);

documento.open();

documento.add(tablaHeader());

documento.add(tablaCliente());

documento.add(tablaLineas());

documento.add(tablaFooter());

documento.close();

FileInputStream pdf=new FileInputStream(archivo);

int len = (int)archivo.length();

        String query = ("UPDATE pedidos SET ticket=? WHERE
idpedidos='"+idpedido+"'");

        BasededatosManager bd=new BasededatosManager();

                                PreparedStatement      pstmt      =
bd.getConexion("chulospizza").prepareStatement(query);

//method to insert a stream of bytes

pstmt.setBinaryStream(1,pdf);

pstmt.executeUpdate();

ejecutarPDF();

} catch (SQLException ex) {

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



```
}  
  
}
```

```
String[] llenarVector(String sql){  
    String[] fila = null;  
  
    try {  
        ResultSet consulta=bd.consultar(sql);  
  
        ResultSetMetaData rsmd=consulta.getMetaData();  
  
        int columnas=rsmd.getColumnCount();  
  
        fila=new String[columnas];  
  
        while(consulta.next()){  
            for(int a=0;a<fila.length;a++){  
                fila[a]=consulta.getString(a+1);  
            }  
        }  
  
        } catch (SQLException ex) {  
            Logger.getLogger(PedidoPDF.class.getName()).log(Level.SEVERE, null,  
ex);  
        }  
  
        return fila;  
    }  
  
    PdfPTable tablaCliente(){  
  
        PdfPTable tablacliente=new PdfPTable(2);
```



```
    tablacliente.setTotalWidth(500);

    PdfPCell celdanombrecliente=new PdfPCell(new Paragraph("Nombre Del
Cliente: "+cliente[0]));

    tablacliente.addCell(celdanombrecliente);

    PdfPCell celdavendedor=new PdfPCell(new Paragraph("Vendedor:
"+vendedor[0]+" "+vendedor[1]));

    tablacliente.addCell(celdavendedor);

    PdfPCell celdadireccion=new PdfPCell(new Paragraph("Direccion:
"+cliente[1]));

    celdadireccion.setColspan(2);

    tablacliente.addCell(celdadireccion);

    PdfPCell celdatelefono=new PdfPCell(new Paragraph("Teléfono:
"+cliente[2]));

    celdatelefono.setColspan(2);

    tablacliente.addCell(celdatelefono);

    vacio.setColspan(2);

    vacio.setBorder(Rectangle.BOTTOM | Rectangle.TOP);

    tablacliente.addCell(vacio);

    return tablacliente;

}
```

```
PdfPTable tablaLineas(){
```

```
    PdfPTable tablalineas=new PdfPTable(2);
```



```
PdfPCell celdanombrepizza=new PdfPCell(new Paragraph("Nombre  
Pizza",f));
```

```
tablalineas.addCell(celdanombrepizza);
```

```
PdfPCell celdapreciopizza=new PdfPCell(new Paragraph("Precio",f));
```

```
tablalineas.addCell(celdapreciopizza);
```

```
for(int a=0;a<cantidadlineas;a++){
```

```
    for(int b=0;b<2;b++){
```

```
        PdfPCell celda=new PdfPCell(new Paragraph(lineas[a][b],f));
```

```
        tablalineas.addCell(celda);
```

```
    }
```

```
}
```

```
vacio.setColspan(2);
```

```
vacio.setBorder(Rectangle.BOTTOM | Rectangle.TOP);
```

```
tablalineas.addCell(vacio);
```

```
return tablalineas;
```

```
}
```

```
PdfPTable tablaFooter(){
```

```
    PdfPTable tablafooter=new PdfPTable(2);
```

```
    PdfPTable cantidades=new PdfPTable(2);
```

```
    PdfPCell celdasubtotal=new PdfPCell(new Paragraph("Subtotal",f));
```

```
    cantidades.addCell(celdasubtotal);
```



```
PdfPCell subtotalcantidad=new PdfPCell(new Paragraph("$"+totales[0],f));
cantidades.addCell(subtotalcantidad);

PdfPCell celdaiva=new PdfPCell(new Paragraph("I.V.A.",f));
cantidades.addCell(celdaiva);

PdfPCell ivacantidad=new PdfPCell(new Paragraph("$"+totales[1],f));
cantidades.addCell(ivacantidad);

PdfPCell celdatotal=new PdfPCell(new Paragraph("Total",f));
cantidades.addCell(celdatotal);

PdfPCell totalcantidad=new PdfPCell(new Paragraph("$"+totales[2],f));
cantidades.addCell(totalcantidad);

PdfPCell celdacantidades=new PdfPCell(cantidades);
vacio=new PdfPCell(new Paragraph("!Que tenga un buen día!"));
vacio.setColspan(1);

                vacio.setBorder(Rectangle.RIGHT|Rectangle.TOP|Rectangle.LEFT|
Rectangle.BOTTOM);

        tablafooter.addCell(vacio);

        tablafooter.addCell(celdacantidades);

        return tablafooter;
    }
```

```
PdfPTable tablaHeader() throws IOException, BadElementException{
```

```
    PdfPTable tablaheader=new PdfPTable(4);
```

```
    tablaheader.setTotalWidth(600);
```

```
    BasededatosManager bd=new BasededatosManager();
```




```
try {  
  
    ResultSet consulta=bd.consultar("SELECT logoempresa FROM  
configuracion");  
  
    byte[] arreglo=null;  
  
    while(consulta.next()){  
  
        arreglo=consulta.getBytes("logoempresa");  
  
    }  
  
    Image logo=Image.getInstance(arreglo);  
  
    logo.scalePercent(15);  
  
    PdfPCell celdalogo=new PdfPCell(logo);  
  
    celdalogo.setBorderColor(BaseColor.WHITE);  
  
    celdalogo.setColspan(4);  
  
    celdalogo.setHorizontalAlignment(Element.ALIGN_CENTER);  
  
    tablaheader.addCell(celdalogo);  
  
}catch (SQLException ex) {  
  
    Logger.getLogger(PedidoPDF.class.getName()).log(Level.SEVERE, null,  
ex);  
  
}
```

```
Font a=new  
Font(FontFamily.HELVETICA,18,Font.BOLD,BaseColor.BLACK);  
  
PdfPCell celdatitulo = new PdfPCell(new Paragraph("PEDIDO PIZZAS",a));  
  
celdatitulo.setColspan(2);  
  
celdatitulo.setBorderColor(BaseColor.WHITE);
```



```
tablaheader.addCell(celdatitulo);

        PdfPCell celdafecha = new PdfPCell(new Paragraph("Fecha:
"+LocalDate.now(),f));

        celdafecha.setBorderColor(BaseColor.WHITE);

        tablaheader.addCell(celdafecha);

        PdfPCell celdapedido= new PdfPCell(new Paragraph("N° Pedido:
"+idpedido,f));

        celdapedido.setBorderColor(BaseColor.WHITE);

        tablaheader.addCell(celdapedido);

        vacio.setColspan(4);

        vacio.setBorder(Rectangle.BOTTOM);

        tablaheader.addCell(vacio);

    return tablaheader;

}

public void ejecutarPDF(){

    String d = "";

    try {

        if ("/".equals(directorio.substring(0, 1))) {

            Runtime.getRuntime().exec("evince " + directorio);

        }

        if (":".equals(directorio.substring(1, 2))) {
```



```
char signo = (char) 92;

String[] arreglo = directorio.split("\\\\");

for (int a = 0; a < arreglo.length; a++) {

    d = d + arreglo[a] + "\\\\\\\\\\\\\\\\";

}

Desktop.getDesktop().open(new File(d));

}

} catch (IOException ex) {

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

}

}

}
```

Ventana Cajero – Render Tabla

```
package Funciones;

import java.awt.Color;

import java.awt.Component;

import javax.swing.JTable;

import javax.swing.table.DefaultTableCellRenderer;

public class RendererTabla extends DefaultTableCellRenderer{

    Color fondo;

    Color letra;
```



```
public RendererTabla(Color fondo, Color letra){  
  
    super();  
  
    this.fondo=fondo;  
  
    this.letra=letra;  
  
}
```

@Override

```
    public Component getTableCellRendererComponent(JTable tabla, Object valor,  
boolean isSelected, boolean hasFocus, int fila, int columna){  
  
        Component comp=super.getTableCellRendererComponent(tabla, valor,  
isSelected, hasFocus, fila, columna);  
  
        comp.setBackground(fondo);  
  
        comp.setForeground(letra);  
  
        return comp;  
  
    }  
}
```

Ventana Cajeros – Login

```
package Interfaces;  
  
import Funciones.BasededatosManager;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;
```



```
import javax.swing.JOptionPane;

public class Login extends javax.swing.JFrame {

    String usuario = "";

    String contraseña = "";

    public Login() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        txtuser = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        txtcontraseña = new javax.swing.JPasswordField();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        setTitle("Chulo's Pizza - Login");
```



```
setResizable(false);
```

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

```
                                                                 JLabel2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/imagenes/Logo      principal  
copy.png"))); // NOI18N
```

```
JLabel2.setText("JLabel2");
```

```
JLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 48)); // NOI18N
```

```
JLabel1.setForeground(new java.awt.Color(255, 204, 51));
```

```
JLabel1.setText("Inicio de Sesión");
```

```
JLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
JLabel3.setForeground(new java.awt.Color(255, 204, 0));
```

```
JLabel3.setText("Usuario:");
```

```
JLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
JLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
JLabel4.setText("Contraseña:");
```

```
txtuser.setBackground(new java.awt.Color(255, 204, 0));
```

```
txtuser.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
txtuser.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtuserActionPerformed(evt);  
    }  
});  
  
jButton1.setBackground(new java.awt.Color(255, 204, 0));  
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton1.setText("Aceptar");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
txtcontraseña.setBackground(new java.awt.Color(255, 204, 0));  
txtcontraseña.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); //  
NOI18N  
txtcontraseña.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtcontraseñaActionPerformed(evt);  
    }  
});
```



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

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

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

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

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

                        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 134,
javax.swing.GroupLayout.PREFERRED_SIZE)

                            .addGap(288, 288, 288))

                    .addGroup(jPanel1Layout.createSequentialGroup()

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

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGroup(jPanel1Layout.createSequentialGroup()

                                    .addGap(39, 39, 39)

                                        .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 295,
javax.swing.GroupLayout.PREFERRED_SIZE)

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




```
.addComponent(jLabel1))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(96, 96, 96)

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

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addComponent(jLabel3)

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

.addComponent(txtuser,
javax.swing.GroupLayout.PREFERRED_SIZE, 418,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addComponent(jLabel4)

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

.addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE, 418,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addContainerGap(77, Short.MAX_VALUE))

);

jPanel1Layout.setVerticalGroup(
```



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

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

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

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addGap(65, 65, 65)
```

```
.addComponent(jLabel1))
```

```
.addComponent(jLabel2,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 190,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(txtuser,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 26,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel3))
```

```
.addGap(45, 45, 45)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(jLabel4)
```

```
.addComponent(txtcontraseña,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 26,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGap(40, 40, 40)

                                                                 .addComponent(jButton1,
                                                                                                     38,
                                                                                                     javax.swing.GroupLayout.PREFERRED_SIZE,
                                                                                                     javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(49, Short.MAX_VALUE))

    );

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

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

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

            .addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)

        );

    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>//GEN-END:initComponents
```

```
private void txtuserActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_txtuserActionPerformed
```

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

```
//GEN-LAST:event_txtuserActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
try {
```

```
BasededatosManager bd=new BasededatosManager();
```

```
ResultSet consultaempleado=bd.consultar("SELECT idEmpleados FROM Empleados WHERE usuario='"+txtuser.getText()+" AND pass='"+txtcontraseña.getText()+" AND puestos_idpuestos=1;");
```

```
if(consultaempleado.first()){
```

```
int idempleado = consultaempleado.getInt("idEmpleados");
```

```
CajerosPrin g = new CajerosPrin(idempleado);
```

```
g.setVisible(true);
```

```
setVisible(false);
```

```
}
```

```
else{
```

```
JOptionPane.showMessageDialog(null, "Datos Incorrectos");
```

```
}
```



```
} catch (SQLException ex) {  
  
    Logger.getLogger(Login.class.getName()).log(Level.SEVERE, null, ex);  
  
}  
  
} //GEN-LAST:event_jButton1ActionPerformed  
  
  
private void txtcontraseñaActionPerformed(java.awt.event.ActionEvent evt)  
{ //GEN-FIRST:event_txtcontraseñaActionPerformed  
  
    // TODO add your handling code here:  
  
} //GEN-LAST:event_txtcontraseñaActionPerformed  
  
  
/**  
  
 * @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 ("Windows".equals(info.getName())) {

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

            }

        }

        } catch (ClassNotFoundException | InstantiationException |
IllegalAccessException | javax.swing.UnsupportedLookAndFeelException ex) {

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

        }

//</editor-fold>

//</editor-fold>

//</editor-fold>

//</editor-fold>

/* Create and display the form */

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

    @Override

    public void run() {

        new Login().setVisible(true);

    }

}
```



```
});
```

```
}
```

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

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JPasswordField txtcontraseña;
```

```
private javax.swing.JTextField txtuser;
```

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

```
}
```

Ventana Cajeros – Principal

```
package Interfaces;
```

```
import java.awt.Color;
```

```
import java.awt.Graphics;
```

```
import java.beans.PropertyVetoException;
```

```
import java.util.logging.Level;
```

```
import java.util.logging.Logger;
```

```
public class CajerosPrin extends javax.swing.JFrame {
```

```
    int idempleado;
```

```
    public CajerosPrin(int idempleado) {
```



```
this.idempleado=idempleado;

initComponents();

setExtendedState(MAXIMIZED_BOTH);

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

    jPanel1 = new javax.swing.JPanel();

    jPanel2 = new javax.swing.JPanel();

    jButton2 = new javax.swing.JButton();

    jButton1 = new javax.swing.JButton();

    jPanel3 = new javax.swing.JPanel();

    CajerosP = new javax.swing.JDesktopPane(){

        @Override

        protected void paintComponent(Graphics g) {

            super.paintComponent(g);

            g.setColor(new Color(204,0,0));

            g.fillRect(0, 0, getWidth(), getHeight());

        }

    }

}

;
```




```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
setTitle("CAJA");
```

```
jPanel2.setBackground(new java.awt.Color(204, 0, 0));
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 24)); // NOI18N
```

```
jButton2.setText("Nuevo Pedido");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 24)); // NOI18N
```

```
jButton1.setText("Ver Pedidos");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```




```
.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap()

);

jPanel3.setBackground(new java.awt.Color(204, 0, 0));

javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addGap(0, 0, 0)
.addComponent(CajerosP)
.addGap(0, 0, 0)
);
jPanel3Layout.setVerticalGroup(
```



```
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel3Layout.createSequentialGroup()
```

```
.addGap(0, 0, 0)
```

```
.addComponent(CajerosP, javax.swing.GroupLayout.DEFAULT_SIZE, 429, Short.MAX_VALUE)
```

```
.addGap(0, 0, 0))
```

```
);
```

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

```
jPanel1.setLayout(jPanel1Layout);
```

```
jPanel1Layout.setHorizontalGroup(
```

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

```
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
);
```

```
jPanel1Layout.setVerticalGroup(
```

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

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()
```



```
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
  
);  
  
        javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());  
  
        getContentPane().setLayout(layout);  
  
        layout.setHorizontalGroup(  
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
        );  
  
        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> //GEN-END: initComponents
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton2ActionPerformed
```

```
try {
```

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

```
PuntoVenta pv=new PuntoVenta(idempleado);
```

```
CajerosPrin.CajerosP.add(pv);
```

```
pv.setMaximum(true);
```

```
pv.show();
```

```
} catch (PropertyVetoException ex) {
```

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

```
}
```

```
} //GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton1ActionPerformed
```

```
try {
```

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

```
Ventas v=new Ventas(idempleado);
```

```
CajerosPrin.CajerosP.add(v);
```

```
v.setMaximum(true);
```



```
v.show();

    } catch (PropertyVetoException ex) {

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

    }

}

//GEN-LAST:event_jButton1ActionPerformed

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

public static javax.swing.JDesktopPane CajerosP;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

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

}
```

Ventana Cajeros – Punto de Venta

```
package Interfaces;

import Funciones.BasededatosManager;

import Funciones.RendererTabla;

import java.awt.Color;

import java.awt.Graphics2D;
```



```
import java.awt.Image;

import java.awt.RenderingHints;

import java.awt.Toolkit;

import java.awt.event.MouseAdapter;

import java.awt.event.MouseEvent;

import java.awt.image.BufferedImage;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;

import javax.swing.JOptionPane;

import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;

public class PuntoVenta extends javax.swing.JInternalFrame {

    BasededatosManager bd=new BasededatosManager();

    final DefaultTableModel modelopedido=new DefaultTableModel();

    int idempleado;

    int idpedido;

    int contadorpizzas=0;

    String[] preciospedido;

    public PuntoVenta(int idempleado) {

        this.idempleado=idempleado;
```




```
        bd.ejecutar("INSERT INTO pedidos(`Empleados_idEmpleados`)
VALUES("+this.idempleado+"");

    try {

        initComponents();

        ResultSet consultapedido=bd.consultar("SELECT AUTO_INCREMENT
FROM information_schema.TABLES where TABLE_SCHEMA='chulospizza' and
TABLE_NAME='pedidos'");

        while(consultapedido.next()){

            idpedido=(consultapedido.getInt(1))-1;

        }

        //TODO

        ResultSet consulta=bd.consultar("SELECT foto,nombre,precio FROM
pizzas;");

        String[] nomcolumnas=new String[]{"Foto","Nombre Pizza","Precio"};

        byte[] image;

        jTable1.setRowHeight(73);

        DefaultTableModel modelo=new DefaultTableModel(){

            @Override

            public Class getColumnClass(int column)

            {

                if (column == 0) return ImageIcon.class;

                return Object.class;

            }

        }
```



```
};
```

//Se crean las columnas del modelo dependiendo de los parametros que se le manden al método

```
for(int i=0; i<3;i++){
```

```
    modelo.addColumn(nomcolumnas[i]);
```

```
}
```

```
while (consulta.next()) {
```

```
    Object[] fila = new Object[3];
```

```
        //El primer indice en un ResultSet es el 1 por lo que hay que sumar un
```

```
        image = consulta.getBytes(1);
```

```
        Image img = Toolkit.getDefaultToolkit().createImage(image);
```

```
        ImageIcon icon =new ImageIcon(img.getScaledInstance(200, 73,java.awt.Image.SCALE_SMOOTH));
```

```
        fila[0]=icon;
```

```
        fila[1] = consulta.getObject(2);
```

```
        fila[2]="$"+consulta.getObject(3);
```

```
        modelo.addRow(fila);
```

```
}
```

```
jTable1.setModel(modelo);
```

```
jTable1.addMouseListener(new MouseAdapter() {
```

```
    @Override
```

```
    public void mouseClicked(MouseEvent e) {
```



```
if (e.getClickCount() == 1) {  
    JTable target = (JTable) e.getSource();  
    int row = target.getSelectedRow();  
    int column = target.getSelectedColumn();  
    // do some action if appropriate column  
    if(Integer.parseInt(numeropizzas.getText())>contadorpizzas){  
        try {  
            double precio=0;  
            ResultSet consultaprecios=bd.consultar("SELECT precio  
FROM pizzas WHERE nombre='"+target.getValueAt(row, 1)+"';");  
            while(consultaprecios.next()){  
                precio=consultaprecios.getDouble(1);  
            }  
            total.setText(Double.toString(((Double.parseDouble(total.getTe  
xt())+precio)*0.16)+(Double.parseDouble(total.getText())+precio)));  
            Object[]fila=new Object[]{target.getValueAt(row,1),precio};  
            modelopedido.addRow(fila);  
            contadorpizzas=contadorpizzas+1;  
        } catch (SQLException ex) {  
            Logger.getLogger(PuntoVenta.class.getName()).log(Level.SEV  
ERE, null, ex);  
        }  
    }else{
```



```
if(Integer.parseInt(numeropizzas.getText())==1){  
    JOptionPane.showMessageDialog(null,"Ya elegiste la  
pizza","ERROR",JOptionPane.ERROR_MESSAGE);  
}  
else{  
    JOptionPane.showMessageDialog(null,"Ya elegiste las  
"+numeropizzas.getText()+" pizzas","ERROR",JOptionPane.ERROR_MESSAGE);  
}  
}  
}  
}  
});  
  
modelopedido.addColumn("Pizza");  
modelopedido.addColumn("Precio");  
pedido.setModel(modelopedido);  
  
jTable1.getColumnModel().getColumn(0).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));  
  
jTable1.getColumnModel().getColumn(1).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));  
  
jTable1.getColumnModel().getColumn(2).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));  
  
jTable1.getColumnModel().getColumn(1).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));  
  
jTable1.getColumnModel().getColumn(2).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```



```
jTable1.setOpaque(false);

jTable1.setSelectionBackground(new Color(255,204,0));

jTable1.setSelectionForeground(new Color(204,0,0));

        pedido.getColumnModel().getColumn(0).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

        pedido.getColumnModel().getColumn(1).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

        pedido.getColumnModel().getColumn(0).setCellRenderer(new
RendererTabla(new Color(204, 0, 0), new Color(255, 204, 0)));

        pedido.getColumnModel().getColumn(1).setCellRenderer(new
RendererTabla(new Color(204, 0, 0), new Color(255, 204, 0)));

        pedido.setOpaque(false);

        pedido.setSelectionBackground( new Color(255,204,0));

        pedido.setSelectionForeground(new Color(204,0,0));

    } catch (SQLException ex) {

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

    }

}

private Image getScaledImage(Image srcImg, int w, int h) {

        BufferedImage resizedImg = new BufferedImage(w, h,
BufferedImage.TYPE_INT_ARGB);
```



```
Graphics2D g2 = resizedImg.createGraphics();

        g2.setRenderingHint(RenderingHints.KEY_INTERPOLATION,
RenderingHints.VALUE_INTERPOLATION_BILINEAR);

        g2.drawImage(srclmg, 0, 0, w, h, null);

        g2.dispose();

        return resizedImg;

    }

/**
 * 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">//GEN-BEGIN: initComponents
    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jButton13 = new javax.swing.JButton();
        jButton5 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jButton2 = new javax.swing.JButton();
```



```
jButton1 = new javax.swing.JButton();

numeropizzas = new javax.swing.JLabel();

pizzas = new javax.swing.JLabel();

cliente = new javax.swing.JLabel();

jPanel3 = new javax.swing.JPanel();

total = new javax.swing.JLabel();

jButton4 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

jScrollPane2 = new javax.swing.JScrollPane();

pedido = new javax.swing.JTable();

jButton3 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jPanel4 = new javax.swing.JPanel();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();


setClosable(true);

setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);

setIconifiable(true);

setMaximizable(true);

setResizable(true);

setTitle("Chulo's Pizza: Punto de Venta");
```



```
addInternalFrameListener(new javax.swing.event.InternalFrameListener() {  
    public void internalFrameOpened(javax.swing.event.InternalFrameEvent  
    evt) {  
        }  
    public void internalFrameClosing(javax.swing.event.InternalFrameEvent  
    evt) {  
        formInternalFrameClosing(evt);  
    }  
    public void internalFrameClosed(javax.swing.event.InternalFrameEvent  
    evt) {  
        }  
    public void internalFrameIconified(javax.swing.event.InternalFrameEvent  
    evt) {  
        }  
    public void internalFrameDeiconified(javax.swing.event.InternalFrameEvent  
    evt) {  
        }  
    public void internalFrameActivated(javax.swing.event.InternalFrameEvent  
    evt) {  
        }  
    public void internalFrameDeactivated(javax.swing.event.InternalFrameEvent evt) {  
        }  
});
```




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

jPanel2.setBackground(new java.awt.Color(204, 0, 0));

jButton13.setBackground(new java.awt.Color(255, 204, 0));
jButton13.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jButton13.setText(">");
jButton13.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton13ActionPerformed(evt);
    }
});

jButton5.setBackground(new java.awt.Color(255, 204, 0));
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 10)); // NOI18N
jButton5.setText("Actualizar");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});
```



```
jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 204, 0));

jLabel1.setText("Cantidad:");


jButton2.setBackground(new java.awt.Color(255, 204, 0));

jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton2.setText("<");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

        jButton2ActionPerformed(evt);

    }

});


jButton1.setBackground(new java.awt.Color(255, 204, 0));

jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton1.setText("Cliente");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

        jButton1ActionPerformed(evt);

    }

});
```



```
numeropizzas.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
numeropizzas.setForeground(new java.awt.Color(255, 204, 0));
```

```
numeropizzas.setText("1");
```

```
pizzas.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
pizzas.setForeground(new java.awt.Color(255, 204, 0));
```

```
pizzas.setText("Pizza");
```

```
cliente.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
cliente.setForeground(new java.awt.Color(255, 204, 0));
```

```
cliente.setText("Nombre Cliente");
```

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

```
jPanel2.setLayout(jPanel2Layout);
```

```
jPanel2Layout.setHorizontalGroup(
```

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

```
.addGroup(jPanel2Layout.createSequentialGroup()
```

```
.addContainerGap()
```

```
.addComponent(jLabel1)
```

```
.addGap(6, 6, 6)
```



```
.addComponent(jButton2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(numeropizzas)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(pizzas)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addComponent(jButton13)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                                .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,                135,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(cliente)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(jButton5)

.addContainerGap()

);

jPanel2Layout.setVerticalGroup(
```



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

```
.addGroup(jPanel2Layout.createSequentialGroup()  
    .addContainerGap()  
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.  
        .ALIGNMENT.BASELINE)  
        .addComponent(jLabel1)  
        .addComponent( Numeropizzas )  
        .addComponent(jButton2)  
        .addComponent(jButton13)  
        .addComponent(jButton1)  
        .addComponent(cliente)  
        .addComponent(pizzas)  
        .addComponent(jButton5))  
    .addContainerGap()  
);
```

```
jPanel3.setBackground(new java.awt.Color(204, 0, 0));
```

```
total.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N
```

```
total.setForeground(new java.awt.Color(255, 204, 0));
```

```
total.setText("0.00");
```



```
jButton4.setBackground(new java.awt.Color(255, 204, 0));

jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 10)); // NOI18N

jButton4.setText("Borrar");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

        jButton4ActionPerformed(evt);

    }

});

jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 204, 0));

jLabel3.setText("$");

pedido.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"

    }

});
```

 $\rangle\rangle;$

```
jScrollPane2.setViewportViewView(pedido);
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 38)); // NOI18N
```

```
jButton3.setText("COBRAR");
```

```
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

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

jButton3ActionPerformed(evt);

}

$$\});$$

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("sin iva");
```

```
        javax.swing.GroupLayout jPanel3Layout = new
        javax.swing.GroupLayout(jPanel3);
```

```
jPanel3.setLayout(jPanel3Layout);
```

jPanel3Layout.setHorizontalGroup(

```
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel3Layout.createSequentialGroup())
```



```
.addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)

.addComponent(jScrollPane2)

.addGroup(jPanel3Layout.createSequentialGroup())

.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE,          33,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addComponent(total))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup())

.addGap(117, 117, 117)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING, false)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup())

.addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,          228,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(108, 108, 108))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup())

.addGap(10, 10, 10)
```




```
.addComponent(jLabel4)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton4))))

.addContainerGap()

);

jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(total)

.addComponent(jLabel3)

.addComponent(jButton4)

.addComponent(jLabel4))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(jScrollPane2,
javax.swing.GroupLayout.DEFAULT_SIZE, 204, Short.MAX_VALUE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addComponent(jButton3)
```



```
.addContainerGap()

);

jPanel4.setBackground(new java.awt.Color(204, 0, 0));

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"
    }
));

jScrollPane1.setViewportView(jTable1);
```

```
        javax.swing.GroupLayout jPanel4Layout = new
javax.swing.GroupLayout(jPanel4);

jPanel4.setLayout(jPanel4Layout);

jPanel4Layout.setHorizontalGroup(
```



```
jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel4Layout.createSequentialGroup())
```

```
.addGap(0, 0, 0)
```

```
.addComponent(jScrollPane1,  
javax.swing.GroupLayout.DEFAULT_SIZE, 651, Short.MAX_VALUE)
```

```
.addGap(0, 0, 0))
```

```
);
```

```
jPanel4Layout.setVerticalGroup(
```

```
jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel4Layout.createSequentialGroup())
```

```
.addGap(0, 0, 0)
```

```
.addComponent(jScrollPane1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE)
```

```
.addGap(74, 74, 74))
```

```
);
```

```
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()

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addContainerGap())

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jPanel4,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

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

.addComponent(jPanel3,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addContainerGap()
```



```
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)
```

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

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jPanel3,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addContainerGap())
```

```
.addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
```

```
);
```

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

```
getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
```

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

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

```
);
```

```
layout.setVerticalGroup(
```



```
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))

    );

pack();

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

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed
```

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

```
Clientes c=new Clientes(idempleado,idpedido);
```

```
CajerosPrin.CajerosP.add(c);
```

```
c.toFront();
```

```
c.show();
```

```
} // GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton3ActionPerformed
```

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

```
// COBRAR
```



```
if(contadorpizzas<Integer.parseInt(numeropizzas.getText())){

    String piz="";

    if(Integer.parseInt(numeropizzas.getText())>1){

        piz="s";

    }

    JOptionPane.showMessageDialog(null,"Aún no eliges tu"+piz+"
"+numeropizzas.getText()+"
pizza"+piz,"ERROR",JOptionPane.ERROR_MESSAGE);

}

if(cliente.getText().equals("Nombre Cliente")){

    JOptionPane.showMessageDialog(null,"¡Elige al
cliente!", "ERROR",JOptionPane.ERROR_MESSAGE);

}else{

    int opc=JOptionPane.showConfirmDialog(null, "¿El pedido es
correcto?","CONFIRMA",JOptionPane.YES_NO_OPTION);

    if(opc==JOptionPane.YES_OPTION){

        String[] pizzaspedido = new String[pedido.getRowCount()];

        preciospedido = new String[pedido.getRowCount()];

        for (int i = 0; i < pedido.getRowCount(); i++) {

            pizzaspedido[i] = pedido.getValueAt(i, 0).toString();

            preciospedido[i] = pedido.getValueAt(i, 1).toString();

        }

        double iva = Double.parseDouble(total.getText()) * 0.16;

        double totalneto = Double.parseDouble(total.getText()) + iva;
```



```
Cobrar cobrar = new Cobrar(pizzaspedido, preciospedido,
Double.parseDouble(total.getText()), iva, totalneto, numeropizzas.getText(),
Integer.toString(idpedido), cliente.getText(), pedido.getRowCount());
```

```
    cobrar.setVisible(true);
```

```
    dispose();
```

```
}
```

```
}
```

```
}//GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton2ActionPerformed
```

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

```
    if (numeropizzas.getText().equals("1")) {
```

```
        //No se puede decrementar mas el numero de pizzas
```

```
        JOptionPane.showMessageDialog(null,"¡No puedes pedir cero
pizzas!", "ERROR", JOptionPane.ERROR_MESSAGE);
```

```
    } else {
```

```
        if (numeropizzas.getText().equals("2")) {
```

```
            //Condicion para quitarle la "s" a "Pizzas" ya que regresa a singular
```

```
            pizzas.setText("Pizza");
```

```
        }
```

```
        //Decrementa en uno el numero de pizzas
```

```
        numeropizzas.setText(Integer.toString((Integer.parseInt(numeropizzas.getT
ext()) - 1)));
```




Misael Hernández Villarreal 12041143
Mauricio Alejandro Martínez Pacheco 12041156



```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed
```

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

```
total.setText("0.00");
```

```
contadorpizzas=0;
```

```
try{
```

```
for (int i = 0; i < jTable1.getRowCount(); i++) {
```

```
    modelopedido.removeRow(0);
```

```
}
```

```
}catch(ArrayIndexOutOfBoundsException e){
```

```
}
```

```
//GEN-LAST:event_jButton4ActionPerformed
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton5ActionPerformed
```

```
try {
```

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

```
        ResultSet consultaclientes=bd.consultar("SELECT C.nombre FROM  
clientes C,pedidos P WHERE C.idclientes=P.clientes_idclientes AND  
P.idpedidos='"+idpedido+"';");
```

```
        while(consultaclientes.next()){
```

```
            cliente.setText(consultaclientes.getString(1));
```



```
}

} catch (SQLException ex) {

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

}

}

}

//GEN-LAST:event_jButton5ActionPerformed

private void formInternalFrameClosing(javax.swing.event.InternalFrameEvent
evt) {
//GEN-FIRST:event_formInternalFrameClosing

// TODO add your handling code here:

cerrar();

}

//GEN-LAST:event_formInternalFrameClosing

public void cerrar() {

    Object[] opciones = {"Aceptar", "Cancelar"};

    int eleccion = JOptionPane.showOptionDialog(rootPane, "Cerrar la ventana
cancelará el pedido ", "CANCELAR PEDIDO",

        JOptionPane.YES_NO_OPTION,

        JOptionPane.QUESTION_MESSAGE, null, opciones, "Aceptar");

    if (eleccion == JOptionPane.YES_OPTION) {

        bd.ejecutar("DELETE FROM pedidos WHERE idpedidos='"+idpedido+"'");

        bd.ejecutar("ALTER TABLE pedidos AUTO_INCREMENT='"+idpedido+"'");

        dispose();

    }

}
```



```
} else {  
  
}  
  
}
```

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

```
private javax.swing.JLabel cliente;  
  
private javax.swing.JButton jButton1;  
  
private javax.swing.JButton jButton13;  
  
private javax.swing.JButton jButton2;  
  
private javax.swing.JButton jButton3;  
  
private javax.swing.JButton jButton4;  
  
private javax.swing.JButton jButton5;  
  
private javax.swing.JLabel jLabel1;  
  
private javax.swing.JLabel jLabel3;  
  
private javax.swing.JLabel jLabel4;  
  
private javax.swing.JPanel jPanel1;  
  
private javax.swing.JPanel jPanel2;  
  
private javax.swing.JPanel jPanel3;  
  
private javax.swing.JPanel jPanel4;  
  
private javax.swing.JScrollPane jScrollPane1;  
  
private javax.swing.JScrollPane jScrollPane2;  
  
private javax.swing.JTable jTable1;  
  
private javax.swing.JLabel numeropizzas;
```



```
private javax.swing.JTable pedido;  
  
private javax.swing.JLabel pizzas;  
  
private javax.swing.JLabel total;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Ventana Cajeros – Cobrar

```
package Interfaces;  
  
  
  
import Funciones.BasededatosManager;  
  
import Funciones.PedidoPDF;  
  
import com.itextpdf.text.DocumentException;  
  
import java.io.IOException;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.JOptionPane;  
  
public class Cobrar extends javax.swing.JFrame {  
  
    double total=0;  
  
    String[] pizzaspedido;  
  
    String[] preciospedido;  
  
    double iva;  
  
    double totalneto;
```



String numeropizzas;

String idpedido;

String cliente;

int pedidorowcount;

```
public Cobrar(String[] pizzaspedido, String[]preciospedido,double total, double  
iva, double totalneto,String numeropizzas,String idpedido,String cliente,int  
pedidorowcount) {
```

```
    initComponents();
```

```
    this.total=total;
```

```
    this.pizzaspedido=pizzaspedido;
```

```
    this.preciospedido=preciospedido;
```

```
    this.iva=iva;
```

```
    this.totalneto=totalneto;
```

```
    this.numeropizzas=numeropizzas;
```

```
    this.idpedido=idpedido;
```

```
    this.cliente=cliente;
```

```
    this.pedidorowcount=pedidorowcount;
```

```
    totallabel.setText(Double.toString(totalneto));
```

```
}
```

```
/**
```

```
 * 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">//GEN-BEGIN: initComponents
```

```
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    recibo = new javax.swing.JTextField();
    jPanel2 = new javax.swing.JPanel();
    cuatro = new javax.swing.JButton();
    uno = new javax.swing.JButton();
    dos = new javax.swing.JButton();
    nueve = new javax.swing.JButton();
    siete = new javax.swing.JButton();
    cinco = new javax.swing.JButton();
    tres = new javax.swing.JButton();
    seis = new javax.swing.JButton();
    ocho = new javax.swing.JButton();
    cero = new javax.swing.JButton();
    punto = new javax.swing.JButton();
    jButton10 = new javax.swing.JButton();
```



```
jLabel2 = new javax.swing.JLabel();

cambio = new javax.swing.JTextField();

jButton11 = new javax.swing.JButton();

totallabel = new javax.swing.JLabel();

totallabel1 = new javax.swing.JLabel();


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


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 24)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel1.setText("Recibo");


recibo.setBackground(new java.awt.Color(204, 0, 0));
recibo.setFont(new java.awt.Font("Comic Sans MS", 0, 18)); // NOI18N
recibo.setForeground(new java.awt.Color(255, 204, 0));
recibo.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        reciboActionPerformed(evt);
    }
});


jPanel2.setBackground(new java.awt.Color(204, 0, 0));
```




```
cuatro.setBackground(new java.awt.Color(255, 204, 0));

cuatro.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

cuatro.setText("4");

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

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

        cuatroActionPerformed(evt);

    }

});
```

```
uno.setBackground(new java.awt.Color(255, 204, 0));

uno.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

uno.setText("1");

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

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

        unoActionPerformed(evt);

    }

});
```

```
dos.setBackground(new java.awt.Color(255, 204, 0));

dos.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

dos.setText("2");

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



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    dosActionPerformed(evt);  
}  
});
```

```
nueve.setBackground(new java.awt.Color(255, 204, 0));  
nueve.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
nueve.setText("9");  
nueve.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        nueveActionPerformed(evt);  
    }  
});
```

```
siete.setBackground(new java.awt.Color(255, 204, 0));  
siete.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
siete.setText("7");  
siete.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        sieteActionPerformed(evt);  
    }  
});
```



```
cinco.setBackground(new java.awt.Color(255, 204, 0));

cinco.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

cinco.setText("5");

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

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

        cincoActionPerformed(evt);

    }

});
```

```
tres.setBackground(new java.awt.Color(255, 204, 0));

tres.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

tres.setText("3");

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

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

        tresActionPerformed(evt);

    }

});
```

```
seis.setBackground(new java.awt.Color(255, 204, 0));

seis.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

seis.setText("6");

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

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



```
        seisActionPerformed(evt);
    }
});

ocho.setBackground(new java.awt.Color(255, 204, 0));
ocho.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
ocho.setText("8");
ocho.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        ochoActionPerformed(evt);
    }
});

cero.setBackground(new java.awt.Color(255, 204, 0));
cero.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
cero.setText("0");
cero.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        ceroActionPerformed(evt);
    }
});

punto.setBackground(new java.awt.Color(255, 204, 0));
```



```
punto.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

```
punto.setText(".");
```

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

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

```
        puntoActionPerformed(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()
```

```
            .addGap(86, 86, 86)
```

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

```
                .addGroup(jPanel2Layout.createSequentialGroup()
```

```
                    .addComponent(siete,
```

```
                        javax.swing.GroupLayout.PREFERRED_SIZE, 50,
```

```
                        javax.swing.GroupLayout.PREFERRED_SIZE)
```

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



```
.addComponent(ocho,  
javax.swing.GroupLayout.PREFERRED_SIZE, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

```
.addComponent(nueve,  
javax.swing.GroupLayout.PREFERRED_SIZE, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(jPanel2Layout.createSequentialGroup())
```

```
.addComponent(cuatro,  
javax.swing.GroupLayout.PREFERRED_SIZE, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

```
.addComponent(cinco,  
javax.swing.GroupLayout.PREFERRED_SIZE, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

```
.addComponent(seis,  
javax.swing.GroupLayout.PREFERRED_SIZE, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(jPanel2Layout.createSequentialGroup())
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupL  
ayout.Alignment.TRAILING, false)
```

```
.addComponent(cero,  
javax.swing.GroupLayout.Alignment.LEADING,
```



```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,  
jPanel2Layout.createSequentialGroup()  
  
        .addComponent(unos, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem  
ent.RELATED)  
  
        .addComponent(dos, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)  
  
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupL  
ayout.Alignment.LEADING)  
  
        .addComponent(tres, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(punto, 50,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))))  
  
        .addContainerGap(82, Short.MAX_VALUE))  
  
    );  
  
    jPanel2Layout.setVerticalGroup(
```



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

    .addGroup(jPanel2Layout.createSequentialGroup()

        .addContainerGap()

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

            .addComponent(siete, javax.swing.GroupLayout.PREFERRED_SIZE,
                50, javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(ocho, javax.swing.GroupLayout.PREFERRED_SIZE,
                50, javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(nueve,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))

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

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

                .addComponent(cuatro,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(cinco, javax.swing.GroupLayout.PREFERRED_SIZE,
                    50, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(seis, javax.swing.GroupLayout.PREFERRED_SIZE,
                    50, javax.swing.GroupLayout.PREFERRED_SIZE))

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

        )
    )
```




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

    .addComponent(unos, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(dos, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(tres, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

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

    .addComponent(cero, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(punto, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap())

);

jButton10.setBackground(new java.awt.Color(255, 204, 0));

jButton10.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N

jButton10.setText("ACEPTAR");

jButton10.addActionListener(new java.awt.event.ActionListener() {

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

        jButton10ActionPerformed(evt);
```



```
}  
  
});  
  
jLabel2.setFont(new java.awt.Font("Comic Sans MS", 1, 24)); // NOI18N  
jLabel2.setForeground(new java.awt.Color(255, 204, 0));  
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel2.setText("CAMBIO");  
  
cambio.setEditable(false);  
cambio.setBackground(new java.awt.Color(204, 0, 0));  
cambio.setFont(new java.awt.Font("Comic Sans MS", 0, 18)); // NOI18N  
cambio.setForeground(new java.awt.Color(255, 204, 0));  
cambio.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        cambioActionPerformed(evt);  
    }  
});  
  
jButton11.setBackground(new java.awt.Color(255, 204, 0));  
jButton11.setFont(new java.awt.Font("Comic Sans MS", 1, 8)); // NOI18N  
jButton11.setText("BORRAR");  
jButton11.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent 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()  
                .add(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                    .add(jPanel1Layout.createSequentialGroup().addGap(10).add(jLabel1))  
                    .add(jPanel1Layout.createSequentialGroup().addGap(10).add(jLabel2))
```



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

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(recibo)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

```
RELATED)
```

```
.addComponent(jButton11,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 77,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

```
jPanel1Layout.createSequentialGroup())
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
```

```
ayout.Alignment.TRAILING)
```

```
.addComponent(jPanel2,
```

```
javax.swing.GroupLayout.Alignment.LEADING,
```

```
javax.swing.GroupLayout.DEFAULT_SIZE,
```

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

```
.addComponent(jLabel1,
```

```
javax.swing.GroupLayout.Alignment.LEADING,
```

```
javax.swing.GroupLayout.DEFAULT_SIZE,
```

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

```
.addComponent(jButton10,
```

```
javax.swing.GroupLayout.Alignment.LEADING,
```

```
javax.swing.GroupLayout.DEFAULT_SIZE,
```

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

```
.addComponent(cambio,
```

```
javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addComponent(jLabel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup())

        .addComponent(totallabel1)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)

        .addComponent(totallabel,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))

        .addContainerGap()))

    );

    jPanel1Layout.setVerticalGroup(

        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(13, 13, 13)

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

            .addComponent(totallabel)

            .addComponent(totallabel1))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

        .addComponent(jLabel1)
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING)  
  
                                .addComponent(recibo,  
javax.swing.GroupLayout.PREFERRED_SIZE,                      49,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addGroup(jPanel1Layout.createSequentialGroup()  
  
                                    .addGap(3, 3, 3)  
  
                                .addComponent(jButton11,  
javax.swing.GroupLayout.PREFERRED_SIZE,                      44,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
  
                                .addGap(18, 18, 18)  
  
                                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)  
  
                                .addComponent(jButton10,  
javax.swing.GroupLayout.PREFERRED_SIZE,                      50,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.REL  
ATED)  
  
                                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,  
44, javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATIONED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(cambio, javax.swing.GroupLayout.PREFERRED_SIZE, 49, javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap()

);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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> //GEN-END: initComponents
```



```
private void reciboActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_reciboActionPerformed
```

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

```
//GEN-LAST:event_reciboActionPerformed
```

```
private void cambioActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_cambioActionPerformed
```

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

```
//GEN-LAST:event_cambioActionPerformed
```

```
private void sieteActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_sieteActionPerformed
```

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

```
recibo.setText(recibo.getText()+"7");
```

```
//GEN-LAST:event_sieteActionPerformed
```

```
private void ochoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_ochoActionPerformed
```

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

```
recibo.setText(recibo.getText()+"8");
```

```
//GEN-LAST:event_ochoActionPerformed
```

```
private void nueveActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nueveActionPerformed
```




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

```
recibo.setText(recibo.getText()+"9");
```

```
}//GEN-LAST:event_nueveActionPerformed
```

```
private void cuatroActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_cuatroActionPerformed
```

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

```
recibo.setText(recibo.getText()+"4");
```

```
}//GEN-LAST:event_cuatroActionPerformed
```

```
private void cincoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_cincoActionPerformed
```

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

```
recibo.setText(recibo.getText()+"5");
```

```
}//GEN-LAST:event_cincoActionPerformed
```

```
private void seisActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_seisActionPerformed
```

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

```
recibo.setText(recibo.getText()+"6");
```

```
}//GEN-LAST:event_seisActionPerformed
```

```
private void unoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_unoActionPerformed
```



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

```
recibo.setText(recibo.getText()+"1");
```

```
}//GEN-LAST:event_unoActionPerformed
```

```
private void dosActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_dosActionPerformed
```

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

```
recibo.setText(recibo.getText()+"2");
```

```
}//GEN-LAST:event_dosActionPerformed
```

```
private void tresActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_tresActionPerformed
```

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

```
recibo.setText(recibo.getText()+"3");
```

```
}//GEN-LAST:event_tresActionPerformed
```

```
private void ceroActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_ceroActionPerformed
```

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

```
recibo.setText(recibo.getText()+"0");
```

```
}//GEN-LAST:event_ceroActionPerformed
```



```
private void puntoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_puntoActionPerformed
```

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

```
recibo.setText(recibo.getText()+".");
```

```
//GEN-LAST:event_puntoActionPerformed
```

```
private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton10ActionPerformed
```

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

```
if(Double.parseDouble(recibo.getText())>=Double.parseDouble(totallabel.getText())){
```

```
cambio.setText(Double.toString(Double.parseDouble(recibo.getText())-totalneto));
```

```
try {
```

```
BasededatosManager bd=new BasededatosManager();
```

```
bd.ejecutar("UPDATE pedidos SET cantidad=" + numeropizzas + ",  
total=" + total + ", iva=" + iva + ",totalneto=" + totalneto + " WHERE idpedidos=" + idpedido + "");
```

```
for (int i = 0; i < pizzaspedido.length; i++) {
```

```
try {
```

```
ResultSet consultapizza = bd.consultar("SELECT idpizzas FROM pizzas WHERE nombre=" + pizzaspedido[i] + "");
```

```
while (consultapizza.next()) {
```



```
bd.ejecutar("INSERT INTO detalleventas
(`pizzas_idpizzas`,`pedidos_idpedidos`)
VALUES ('" +
consultapizza.getString("idpizzas") + "," + idpedido + "');"

    }

    } catch (SQLException ex) {

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

    }

}

String lineas[][] = new String[pedidorowcount][2];

for (int a = 0; a < pedidorowcount; a++) {

    lineas[a][0] = pizzaspedido[a];

    lineas[a][1] = preciospedido[a];

}

JOptionPane.showMessageDialog(null, "Pedido registrado");

    PedidoPDF pedidopdf = new PedidoPDF(idpedido, cliente,
lineas,pedidorowcount);

    dispose();

} catch (DocumentException | IOException ex) {

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

}

}else{
```



```
JOptionPane.showMessageDialog(null, "Dinero  
insuficiente","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
}//GEN-LAST:event_jButton10ActionPerformed
```

```
private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton11ActionPerformed
```

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

```
recibo.setText("");
```

```
}//GEN-LAST:event_jButton11ActionPerformed
```

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

```
private javax.swing.JTextField cambio;
```

```
private javax.swing.JButton cero;
```

```
private javax.swing.JButton cinco;
```

```
private javax.swing.JButton cuatro;
```

```
private javax.swing.JButton dos;
```

```
private javax.swing.JButton jButton10;
```

```
private javax.swing.JButton jButton11;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JPanel jPanel1;
```



```
private javax.swing.JPanel jPanel2;

private javax.swing.JButton nueve;

private javax.swing.JButton ocho;

private javax.swing.JButton punto;

private javax.swing.JTextField recibo;

private javax.swing.JButton seis;

private javax.swing.JButton siete;

private javax.swing.JLabel totallabel;

private javax.swing.JLabel totallabel1;

private javax.swing.JButton tres;

private javax.swing.JButton uno;

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

}
```

Ventana Cajeros – Ventas

```
package Interfaces;

import Funciones.BasededatosManager;

import Funciones.RendererTabla;

import java.awt.Color;

import java.sql.ResultSet;

public class Ventas extends javax.swing.JInternalFrame {

    int idempleado=0;

    BasededatosManager bd=new BasededatosManager();
```



```
public Ventas(int idempleado) {

    initComponents();

    this.idempleado=idempleado;

    ResultSet consulta=bd.consultar("SELECT P.idpedidos,CONCAT(E.nombres,'
',E.apellidos)as Empleado, C.nombre, P.cantidad, P.total, P.iva, P.totalneto FROM
pedidos P, Empleados E, clientes C WHERE
P.Empleados_idEmpleados=E.idempleados AND C.idclientes=P.clientes_idclientes
AND P.Empleados_idEmpleados='"+idempleado+"'");

    String[]nomcolumnas=new String[]{"ID","Nombre Empleado","Nombre
Cliente","Cantidad Pizzas","Total","IVA","Total Neto"};

    jTable1.setModel(bd.llenarTabla(7, nomcolumnas, consulta));

    jTable1.getColumnModel().getColumn(0).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

    jTable1.getColumnModel().getColumn(1).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

    jTable1.getColumnModel().getColumn(2).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

    jTable1.getColumnModel().getColumn(3).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

    jTable1.getColumnModel().getColumn(4).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

    jTable1.getColumnModel().getColumn(5).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));

    jTable1.getColumnModel().getColumn(6).setHeaderRenderer(new
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```



```
jTable1.getColumnModel().getColumn(0).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0))));
```

```
jTable1.getColumnModel().getColumn(1).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0))));
```

```
jTable1.getColumnModel().getColumn(2).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0))));
```

```
jTable1.getColumnModel().getColumn(3).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0))));
```

```
jTable1.getColumnModel().getColumn(4).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0))));
```

```
jTable1.getColumnModel().getColumn(5).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0))));
```

```
jTable1.getColumnModel().getColumn(6).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0))));
```

```
}
```

```
@SuppressWarnings("unchecked")
```

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

```
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jScrollPane1 = new javax.swing.JScrollPane();
```

```
    jTable1 = new javax.swing.JTable();
```

```
    jButton4 = new javax.swing.JButton();
```




```
setClosable(true);

setIconifiable(true);

setMaximizable(true);

setResizable(true);

setTitle("Chulo's Pizza: Gerente - Registros de Ventas");


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


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, null, null, null, null, null},
        {null, null, null, null, null, null, null}
    },
    new String [] {
        "ID Pedido", "Empleado", "Cliente", "Cantidad", "Total", "IVA", "Total
Neto"
    }
));

jScrollPane1.setViewportViewView(jTable1);


jButton4.setBackground(new java.awt.Color(255, 204, 0));
```



```
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton4.setText("ACTUALIZAR TABLA");
```

```
jButton4.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton4ActionPerformed(evt);
```

```
    }
```

```
});
```

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

```
jPanel1.setLayout(jPanel1Layout);
```

```
jPanel1Layout.setHorizontalGroup(
```

```
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE,  
775, Short.MAX_VALUE)
```

```
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
            .addComponent(jButton5, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
            .addComponent(jButton6, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
            .addComponent(jButton7, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
            .addComponent(jButton8, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
);
```

```
jPanel1Layout.setVerticalGroup(
```



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

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()
```

```
.addContainerGap()
```

```
.addComponent(jButton4)
```

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

```
.addComponent(jScrollPane1,  
javax.swing.GroupLayout.DEFAULT_SIZE, 253, Short.MAX_VALUE))
```

```
);
```

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

```
getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
```

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

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

```
);
```

```
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>//GEN-END:initComponents

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT P.idpedidos,CONCAT(E.nombres,'  
,E.apellidos)as Empleado, C.nombre, P.cantidad, P.total, P.iva, P.totalneto FROM  
pedidos P, Empleados E, clientes C WHERE  
P.Empleados_idEmpleados=E.idempleados AND C.idclientes=P.clientes_idclientes  
AND P.Empleados_idEmpleados='"+idempleado+"';");
```

```
String[]nomcolumnas=new String[]{"ID","Nombre Empleado","Nombre  
Cliente","Cantidad Pizzas","Total","IVA","Total Neto"};
```

```
jTable1.setModel(bd.llenarTabla(7, nomcolumnas, consulta));
```

```
jTable1.getColumnModel().getColumn(0).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(1).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(2).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(3).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(4).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```



```
jTable1.getColumnModel().getColumn(5).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(6).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(0).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(1).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(2).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(3).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(4).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(5).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(6).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
}//GEN-LAST:event_jButton4ActionPerformed
```

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

```
private javax.swing.JButton jButton4;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JScrollPane jScrollPane1;
```



```
private javax.swing.JTable jTable1;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Ventana Cajeros – Clientes

```
package Interfaces;  
  
import Funciones.BasededatosManager;  
  
import Funciones.RendererTabla;  
  
import java.awt.Color;  
  
import java.awt.event.MouseAdapter;  
  
import java.awt.event.MouseEvent;  
  
import java.sql.ResultSet;  
  
import javax.swing.JOptionPane;  
  
import javax.swing.JTable;  
  
  
/**  
 *  
 * @author Misael  
 * @author Mauricio  
 */  
  
public class Clientes extends javax.swing.JInternalFrame {  
  
    /**
```



* Creates new form Clientes

*/

```
BasededatosManager bd=new BasededatosManager();

int idpedid;

public Clientes(int idempleado,int idpedido) {

    initComponents();

    this.idpedid=idpedido;

                                ResultSet    consulta=bd.consultar("SELECT
idclientes,nombre,direccion,telefono FROM clientes;");

    String[]nomcolumnas=new String[]{"ID","Nombre","Dirección","Teléfono"};

    jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));

    jTable1.addMouseListener(new MouseAdapter() {

        public void mouseClicked(MouseEvent e) {

            if (e.getClickCount() == 1) {

                JTable target = (JTable) e.getSource();

                int row = target.getSelectedRow();

                int column = target.getSelectedColumn();

                // do some action if appropriate column

                                bd.ejecutar("UPDATE pedidos SET
clientes_idclientes='"+target.getValueAt(row,
                                0)+"' WHERE
idpedidos='"+idpedid+"'");

                JOptionPane.showMessageDialog(null,target.getValueAt(row, 1)+"
elegido como cliente");

            }

        }

    });

}
```



```
    }  
});  
  
    jTable1.getColumnModel().getColumn(0).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));  
  
    jTable1.getColumnModel().getColumn(1).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));  
  
    jTable1.getColumnModel().getColumn(2).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));  
  
    jTable1.getColumnModel().getColumn(3).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));  
  
    jTable1.getColumnModel().getColumn(0).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));  
  
    jTable1.getColumnModel().getColumn(1).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));  
  
    jTable1.getColumnModel().getColumn(2).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));  
  
    jTable1.getColumnModel().getColumn(3).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));  
  
    jTable1.setSelectionBackground( new Color(255,204,0));  
  
    jTable1.setSelectionForeground(new Color(204,0,0));  
  
}
```

/**

* 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">//GEN-BEGIN:initComponents
```

```
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jScrollPane1 = new javax.swing.JScrollPane();
```

```
    jTable1 = new javax.swing.JTable();
```

```
    jButton1 = new javax.swing.JButton();
```

```
    jButton2 = new javax.swing.JButton();
```

```
    jButton3 = new javax.swing.JButton();
```

```
    jButton5 = new javax.swing.JButton();
```

```
    jButton4 = new javax.swing.JButton();
```

```
    setClosable(true);
```

```
    setIconifiable(true);
```

```
    setMaximizable(true);
```

```
    setResizable(true);
```

```
    setTitle("Chulo's Pizza: Gerente - Clientes");
```

```
    setToolTipText("");
```



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

```
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 [] {
```

```
        "ID Cliente", "Nombre", "Direccion", "Telefono"
```

```
    }
```

```
));
```

```
jScrollPane1.setViewportViewView(jTable1);
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
                                                                    jButton1.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/imagenes/add88.png")));    //  
NOI18N
```

```
jButton1.setText("Agregar Cliente");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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



```
jButton1ActionPerformed(evt);  
  
}  
  
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
jButton2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/imagenes/pencil41.png"))); //  
NOI18N
```

```
jButton2.setText("Editar Cliente");  
  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
jButton3.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/imagenes/cross108.png"))); //  
NOI18N
```

```
jButton3.setText("Eliminar Cliente");  
  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
jButton3ActionPerformed(evt);  
  
}  
  
});
```

```
jButton5.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
jButton5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/imagenes/left224.png"))); //  
NOI18N
```

```
jButton5.setText("Regresar");  
  
jButton5.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton5ActionPerformed(evt);  
    }  
});
```

```
jButton4.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
jButton4.setText("ACTUALIZAR TABLA");  
  
jButton4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton4ActionPerformed(evt);  
    }  
});
```




```
.addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
.addGroup(jPanel1Layout.createSequentialGroup()  
  
                                .addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE,                191,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addGap(65, 65, 65)  
  
                                .addComponent(jButton2,  
javax.swing.GroupLayout.PREFERRED_SIZE,                191,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addGap(44, 44, 44)  
  
                                .addComponent(jButton3,  
javax.swing.GroupLayout.PREFERRED_SIZE,                219,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
                                .addContainerGap(32, Short.MAX_VALUE))  
);  
  
jPanel1Layout.setVerticalGroup(  
  
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
                                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
  
                                .addGap(30, 30, 30)  
  
                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)
```



```
.addComponent(jButton1,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton2,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton3,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addComponent(jButton4,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(14, 14, 14)

.addComponent(jScrollPane1,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addComponent(jButton5,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)

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

);
```



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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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> //GEN-END: initComponents
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton1ActionPerformed
```

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

```
NuevoCliente nc = new NuevoCliente();
```

```
CajerosPrin.CajerosP.add(nc);
```

```
nc.toFront();
```

```
nc.show();
```




```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
try{
```

```
    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del cliente que deseas modificar"));
```

```
    ModificarCliente mc = new ModificarCliente(id);
```

```
    CajerosPrin.CajerosP.add(mc);
```

```
    mcToFront();
```

```
    mc.show();
```

```
}catch(NumberFormatException e){
```

```
    JOptionPane.showMessageDialog(null,"Ingresa un id válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton5ActionPerformed
```

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

```
dispose();
```

```
}//GEN-LAST:event_jButton5ActionPerformed
```



```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed

    // TODO add your handling code here:

    try{

        int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del cliente que deseas eliminar"));

        bd.ejecutar("DELETE FROM clientes WHERE idcliente='"+id+"'");

    }catch(NumberFormatException e){

        JOptionPane.showMessageDialog(null,"Ingresa un id válido","ERROR",JOptionPane.ERROR_MESSAGE);

    }

}

//GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed

    // TODO add your handling code here:

        ResultSet consulta=bd.consultar("SELECT idclientes,nombre,direccion,telefono FROM clientes;");

        String[]nomcolumnas=new String[]{"ID","Nombre","Dirección","Teléfono"};

        jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));

        jTable1.getColumnModel().getColumn(0).setHeaderRenderer(new RendererTabla(new Color(255,204,0),new Color(204,0,0)));

        jTable1.getColumnModel().getColumn(1).setHeaderRenderer(new RendererTabla(new Color(255,204,0),new Color(204,0,0)));

    }
```



```
jTable1.getColumnModel().getColumn(2).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(3).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(0).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(1).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(2).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
jTable1.getColumnModel().getColumn(3).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
}//GEN-LAST:event_jButton4ActionPerformed
```

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

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JButton jButton4;
```

```
private javax.swing.JButton jButton5;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JScrollPane jScrollPane1;
```

```
private javax.swing.JTable jTable1;
```



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

```
}
```

Ventana Cajeros – Nuevo Cliente

```
package Interfaces;
```

```
import Funciones.BasededatosManager;
```

```
import javax.swing.JOptionPane;
```

```
public class NuevoCliente extends javax.swing.JInternalFrame {
```

```
    BasededatosManager bd=new BasededatosManager();
```

```
    public NuevoCliente() {
```

```
        initComponents();
```

```
    }
```

```
    @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();
```

```
            jLabel3 = new javax.swing.JLabel();
```

```
            nombre = new javax.swing.JTextField();
```

```
            jLabel4 = new javax.swing.JLabel();
```

```
            apellidos = new javax.swing.JTextField();
```

```
            jLabel5 = new javax.swing.JLabel();
```



```
calle = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

numero = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

colonia = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

telefono = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();


setClosable(true);

setIconifiable(true);

setTitle("Chulo's Pizza: Agregar Cliente Nuevo");


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


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Datos de cliente nuevo");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```



```
jLabel3.setText("Nombre(s):");
```

```
nombre.setBackground(new java.awt.Color(255, 204, 0));
```

```
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        nombreActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Dirección");
```

```
apellidos.setBackground(new java.awt.Color(255, 204, 0));
```

```
apellidos.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        apellidosActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
jLabel5.setForeground(new java.awt.Color(255, 204, 0));

jLabel5.setText("Apellidos:");


calle.setBackground(new java.awt.Color(255, 204, 0));

calle.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

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

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

        calleActionPerformed(evt);

    }

});


jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jLabel6.setForeground(new java.awt.Color(255, 204, 0));

jLabel6.setText("Calle:");


numero.setBackground(new java.awt.Color(255, 204, 0));

numero.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

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

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

        numeroActionPerformed(evt);

    }

});
```



```
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel7.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel7.setText("Número:");
```

```
colonia.setBackground(new java.awt.Color(255, 204, 0));
```

```
colonia.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        coloniaActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel8.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel8.setText("Colonia:");
```

```
telefono.setBackground(new java.awt.Color(255, 204, 0));
```

```
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        telefonoActionPerformed(evt);
```

```
    }
```

```
});
```




```
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel9.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel9.setText("Teléfono:");
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton2.setText("Cancelar");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(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()
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addGroup(jPanel1Layout.createSequentialGroup()
                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                    .addGroup(jPanel1Layout.createSequentialGroup()
                                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                            .addGroup(jPanel1Layout.createSequentialGroup()
                                                .addGap(33, 33, 33)
                                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                                                    .addGroup(jPanel1Layout.createSequentialGroup()
                                                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                                            .addGroup(jPanel1Layout.createSequentialGroup()
                                                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                                                    .addGroup(jPanel1Layout.createSequentialGroup()
                                                                        .addGap(2, 2, 2)
                                                                        .addComponent(jLabel3))
                                                                    .addComponent(jLabel4,
javax.swing.GroupLayout.Alignment.LEADING))
                                                                .addComponent(jLabel5))
                                                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                                                            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

```



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

.addComponent(nombre)))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(68, 68, 68)

.addComponent(jLabel7)

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

.addComponent(numero,
javax.swing.GroupLayout.PREFERRED_SIZE, 70,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLay
out.Alignment.TRAILING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addContainerGap()

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)

.addComponent(calle,
javax.swing.GroupLayout.PREFERRED_SIZE, 331,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup())

.addGap(62, 62, 62)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

    .addComponent(jLabel8)

    .addComponent(jLabel9))

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

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

        .addComponent(colonia,
            javax.swing.GroupLayout.PREFERRED_SIZE, 329,
            javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGroup(jPanel1Layout.createSequentialGroup()

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

                .addComponent(jButton1,
                    javax.swing.GroupLayout.PREFERRED_SIZE, 90,
                    javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(telefono,
                    javax.swing.GroupLayout.PREFERRED_SIZE, 136,
                    javax.swing.GroupLayout.PREFERRED_SIZE))

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(jButton2,
                javax.swing.GroupLayout.PREFERRED_SIZE, 118,
                javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(26, 26, 26))))
```



```
.addComponent(jLabel1))

.addContainerGap(34, Short.MAX_VALUE))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(25, 25, 25)

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(apellidos,
javax.swing.GroupLayout.PREFERRED_SIZE,
```



```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(jLabel5,  
javax.swing.GroupLayout.PREFERRED_SIZE,                                24,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,  
24, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(calle, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(jLabel6,  
javax.swing.GroupLayout.PREFERRED_SIZE,                                24,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
                                .addComponent(numero,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel7,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
    TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
    .Alignment.BASELINE)  
  
    .addComponent(colonia,  
    javax.swing.GroupLayout.PREFERRED_SIZE,  
    javax.swing.GroupLayout.DEFAULT_SIZE,  
    javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jLabel8,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
    TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
    .Alignment.BASELINE)  
  
    .addComponent(telefono,  
    javax.swing.GroupLayout.PREFERRED_SIZE,  
    javax.swing.GroupLayout.DEFAULT_SIZE,  
    javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jLabel9,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addGap(18, 18, 18)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addContainerGap())

);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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>//GEN-END:initComponents
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nombreActionPerformed
```

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

```
//GEN-LAST:event_nombreActionPerformed
```

```
private void apellidosActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_apellidosActionPerformed
```

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

```
//GEN-LAST:event_apellidosActionPerformed
```

```
private void calleActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_calleActionPerformed
```

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

```
//GEN-LAST:event_calleActionPerformed
```

```
private void numeroActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_numeroActionPerformed
```

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

```
//GEN-LAST:event_numeroActionPerformed
```

```
private void coloniaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_coloniaActionPerformed
```



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

```
}//GEN-LAST:event_coloniaActionPerformed
```

```
private void telefonoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_telefonoActionPerformed
```

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

```
}//GEN-LAST:event_telefonoActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("INSERT INTO clientes(`nombre`,`direccion`,`telefono`)
VALUES('"+nombre.getText()+"','Calle:  "+calle.getText()+"  "+numero.getText()+"
Colonia: "+colonia.getText()+"','"+telefono.getText()+"');");
```

```
JOptionPane.showMessageDialog(null, "Cliente ingresado en la base de
datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```



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

private javax.swing.JTextField apellidos;

private javax.swing.JTextField calle;

private javax.swing.JTextField colonia;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JTextField nombre;

private javax.swing.JTextField numero;

private javax.swing.JTextField telefono;

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

}
```

Ventana Cajeros – Modificar Clientes

Misael Hernández Villarreal 12041143

Mauricio Alejandro Martínez Pacheco 12041156



```
package Interfaces;

import Funciones.BasededatosManager;

import java.sql.SQLException;

import javax.swing.JOptionPane;

public class ModificarCliente extends javax.swing.JInternalFrame {

    int idcliente;

    BasededatosManager bd=new BasededatosManager();

    public ModificarCliente(int id) {

        initComponents();

        this.idcliente=id;

    }

    @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();

        jLabel3 = new javax.swing.JLabel();

        nombre = new javax.swing.JTextField();

        jLabel4 = new javax.swing.JLabel();

        apellidos = new javax.swing.JTextField();

        jLabel5 = new javax.swing.JLabel();

    }

}
```



```
calle = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

numero = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

colonia = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

telefono = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();


setClosable(true);

setIconifiable(true);

setTitle("Chulo's Pizza: Modificar Cliente");

setToolTipText("");


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


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));

jLabel1.setText("Modificar datos de cliente");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
jLabel3.setForeground(new java.awt.Color(255, 204, 0));

jLabel3.setText("Nombre(s):");


nombre.setBackground(new java.awt.Color(255, 204, 0));

nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

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

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

        nombreActionPerformed(evt);

    }

});


jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 204, 0));

jLabel4.setText("Dirección");


apellidos.setBackground(new java.awt.Color(255, 204, 0));

apellidos.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

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

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

        apellidosActionPerformed(evt);

    }

});
```



```
jLabel5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel5.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel5.setText("Apellidos:");
```

```
calle.setBackground(new java.awt.Color(255, 204, 0));
```

```
calle.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        calleActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel6.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel6.setText("Calle:");
```

```
numero.setBackground(new java.awt.Color(255, 204, 0));
```

```
numero.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        numeroActionPerformed(evt);
```

```
    }
```

```
});
```



```
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel7.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel7.setText("Número:");
```

```
colonia.setBackground(new java.awt.Color(255, 204, 0));
```

```
colonia.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        coloniaActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel8.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel8.setText("Colonia:");
```

```
telefono.setBackground(new java.awt.Color(255, 204, 0));
```

```
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        telefonoActionPerformed(evt);
```

```
    }
```




```
});
```

```
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel9.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel9.setText("Teléfono:");
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton2.setText("Cancelar");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton2ActionPerformed(evt);
```

```
    }
```

```
});
```



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

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

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

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

                    .addGap(0, 0, Short.MAX_VALUE)

                        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                            .addGap(60, 60, 60)

                                .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                    .addGap(52, 52, 52))

                    .addGroup(jPanel1Layout.createSequentialGroup()

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

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGap(33, 33, 33)

                                    .addGroup(jPanel1Layout.createParallelGroup(
javax.swing.GroupLayout.Alignment.TRAILING)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(2, 2, 2)

.addComponent(jLabel3))

.addComponent(jLabel4,
javax.swing.GroupLayout.Alignment.LEADING))

.addComponent(jLabel5))

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

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

.addComponent(apellidos,
javax.swing.GroupLayout.DEFAULT_SIZE, 345, Short.MAX_VALUE)

.addComponent(nombre)))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(68, 68, 68)

.addComponent(jLabel7)

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

.addComponent(numero,
javax.swing.GroupLayout.PREFERRED_SIZE, 70,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING))
```



```
.addGroup(jPanel1Layout.createSequentialGroup()  
  
    .addContainerGap()  
  
    .addComponent(jLabel6)  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)  
  
        .addComponent(calle,  
javax.swing.GroupLayout.PREFERRED_SIZE,          331,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,  
jPanel1Layout.createSequentialGroup()  
  
    .addGap(62, 62, 62)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou  
pLayout.Alignment.TRAILING)  
  
        .addComponent(jLabel8)  
  
        .addComponent(jLabel9))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)  
  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou  
pLayout.Alignment.LEADING)  
  
            .addComponent(telefono,  
javax.swing.GroupLayout.PREFERRED_SIZE,          136,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
            .addComponent(colonia,  
javax.swing.GroupLayout.PREFERRED_SIZE,          329,  
javax.swing.GroupLayout.PREFERRED_SIZE))))  
  
    .addComponent(jLabel1))
```



```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))  
  
);  
  
jPanel1Layout.setVerticalGroup(  
  
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE  
ADING)  
  
.addGroup(jPanel1Layout.createSequentialGroup())  
  
.addGap(33, 33, 33)  
  
.addComponent(jLabel1)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
                                .addComponent(jLabel3,  
javax.swing.GroupLayout.PREFERRED_SIZE,                24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(nombre,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
                                .addComponent(apellidos,  
javax.swing.GroupLayout.PREFERRED_SIZE,
```



```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(jLabel5,  
javax.swing.GroupLayout.PREFERRED_SIZE,                24,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,  
24, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
        .addComponent(calle, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(jLabel6,  
javax.swing.GroupLayout.PREFERRED_SIZE,                24,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
                                .addComponent(numero,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel7,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
    TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
    .Alignment.BASELINE)  
  
    .addComponent(colonia,  
    javax.swing.GroupLayout.PREFERRED_SIZE,  
    javax.swing.GroupLayout.DEFAULT_SIZE,  
    javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jLabel8,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
    TED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
    .Alignment.BASELINE)  
  
    .addComponent(telefono,  
    javax.swing.GroupLayout.PREFERRED_SIZE,  
    javax.swing.GroupLayout.DEFAULT_SIZE,  
    javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jLabel9,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addGap(18, 18, 18)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

    .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

    .addContainerGap())

);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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>//GEN-END:initComponents
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nombreActionPerformed
```

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

```
//GEN-LAST:event_nombreActionPerformed
```

```
private void apellidosActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_apellidosActionPerformed
```

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

```
//GEN-LAST:event_apellidosActionPerformed
```

```
private void calleActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_calleActionPerformed
```

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

```
//GEN-LAST:event_calleActionPerformed
```

```
private void numeroActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_numeroActionPerformed
```

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

```
//GEN-LAST:event_numeroActionPerformed
```

```
private void coloniaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_coloniaActionPerformed
```



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

```
}//GEN-LAST:event_coloniaActionPerformed
```

```
private void telefonoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_telefonoActionPerformed
```

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

```
}//GEN-LAST:event_telefonoActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("UPDATE clientes SET nombre='"+nombre.getText()+"",  
direccion='Calle:      "+calle.getText()+"      "+numero.getText()+"      Colonia:  
"+colonia.getText()+"',          telefono='"+telefono.getText()+"'      WHERE  
idclientes='"+idcliente+"'");
```

```
JOptionPane.showMessageDialog(null, "Cliente ingresado en la base de  
datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```



```
}//GEN-LAST:event_jButton2ActionPerformed
```

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

```
private javax.swing.JTextField apellidos;
```

```
private javax.swing.JTextField calle;
```

```
private javax.swing.JTextField colonia;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel5;
```

```
private javax.swing.JLabel jLabel6;
```

```
private javax.swing.JLabel jLabel7;
```

```
private javax.swing.JLabel jLabel8;
```

```
private javax.swing.JLabel jLabel9;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JTextField nombre;
```

```
private javax.swing.JTextField numero;
```

```
private javax.swing.JTextField telefono;
```

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

```
}
```



Cocineros

Al igual que en los sistemas anteriores este utiliza las mismas funciones antes mencionadas.

Ventana Cocineros – Login

```
import Funciones.BasededatosManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Login extends javax.swing.JFrame {

    String usuario = "";

    String contraseña = "";

    public Login() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jLabel2 = new javax.swing.JLabel();
```



```
jLabel1 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

txtuser = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

txtcontraseña = new javax.swing.JPasswordField();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

setTitle("Chulo's Pizza - Login");

setResizable(false);


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


    jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Logo
principal copy.png"))); // NOI18N

jLabel2.setText("jLabel2");


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 48)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 204, 51));

jLabel1.setText("Inicio de Sesión");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```



```
jLabel3.setText("Usuario:");
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Contraseña:");
```

```
txtuser.setBackground(new java.awt.Color(255, 204, 0));
```

```
txtuser.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

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

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

```
        txtuserActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```




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

    .addGroup(jPanel1Layout.createSequentialGroup()

        .addGap(39, 39, 39)

        .addComponent(jLabel2,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED)

        .addComponent(jLabel1))

    .addGroup(jPanel1Layout.createSequentialGroup()

        .addGap(96, 96, 96)

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

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                jPanel1Layout.createSequentialGroup()

                    .addComponent(jLabel3)

                    .addPreferredGap(LayoutStyle.ComponentPlacement.UNRELATED)

                    .addComponent(txtuser,
                        javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                jPanel1Layout.createSequentialGroup()

                    .addComponent(jLabel4))
```




```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)

                                .addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE,                418,
javax.swing.GroupLayout.PREFERRED_SIZE))))

        .addContainerGap(77, Short.MAX_VALUE))

    );

    jPanel1Layout.setVerticalGroup(

        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

        .addGroup(jPanel1Layout.createSequentialGroup())

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

            .addGroup(jPanel1Layout.createSequentialGroup())

                .addGap(65, 65, 65)

                .addComponent(jLabel1))

            .addGroup(jPanel1Layout.createSequentialGroup())

                .addContainerGap()

                .addComponent(jLabel2)))

        .addGap(21, 21, 21)

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

            .addComponent(txtuser,

                javax.swing.GroupLayout.PREFERRED_SIZE,                26,
                javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel3))

.addGap(45, 45, 45)

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

.addComponent(jLabel4)

.addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(40, 40, 40)

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(49, Short.MAX_VALUE))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

);
```



```
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> // GEN-END: initComponents  
  
private void txtuserActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_txtuserActionPerformed  
  
    // TODO add your handling code here:  
  
} // GEN-LAST:event_txtuserActionPerformed  
  
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-  
FIRST:event_jButton1ActionPerformed  
  
    // TODO add your handling code here:  
  
    try {  
  
        BasededatosManager bd = new BasededatosManager();  
  
        ResultSet consultaIdEmpleado = bd.consultar("SELECT idEmpleados FROM  
Empleados WHERE usuario='"+txtuser.getText()+"' AND  
pass='"+txtcontraseña.getText()+"' AND puestos_idpuestos=5;");  
  
        if(consultaIdEmpleado.first()){  
  
            int idEmpleado = consultaIdEmpleado.getInt("idEmpleados");  

```



```
        Interfaz cocinero=new Interfaz();

        cocinero.setVisible(true);

        dispose();

    }

    else{

        JOptionPane.showMessageDialog(null, "Datos Incorrectos");

    }

} catch (SQLException ex) {

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

}

} //GEN-LAST:event_jButton1ActionPerformed


private void txtcontraseñaActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_txtcontraseñaActionPerformed

    // TODO add your handling code here:

} //GEN-LAST:event_txtcontraseñaActionPerformed


/**
 * @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.loggi  
ng.Level.SEVERE, null, ex);
```

```
    } catch (InstantiationException ex) {
```

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

```
    } catch (IllegalAccessException ex) {
```

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




```
private javax.swing.JTextField txtuser;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Ventana Cocineros – Principal

```
import Funciones.BasededatosManager;  
  
import Funciones.RendererTabla;  
  
import java.awt.Color;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.JOptionPane;  
  
public class Interfaz extends javax.swing.JFrame {  
  
    BasededatosManager bd=new BasededatosManager();  
  
    int idpedido=0;  
  
    public Interfaz() {  
  
        initComponents();  
  
        actualizar();  
  
    }  
  
  
    void actualizar(){  
  
        try {
```



```
ResultSet consulta=bd.consultar("SELECT idpedidos,cantidad FROM  
pedidos WHERE estado=0;");
```

```
if(consulta.first()){
```

```
    idpedido=consulta.getInt(1);
```

```
    npizzas.setText(consulta.getString(2));
```

```
    npedido.setText(Integer.toString(idpedido));
```

```
}else{
```

```
    JOptionPane.showMessageDialog(null, "No hay pedidos pendientes",  
    "HEY", JOptionPane.WARNING_MESSAGE);
```

```
    npizzas.setText("----");
```

```
    npedido.setText("----");
```

```
}
```

```
ResultSet pedido=bd.consultar("SELECT P.nombre FROM pizzas P,  
pedidos Pe,detalleventas D WHERE D.pizzas_idpizzas=P.idpizzas AND  
D.pedidos_idpedidos=Pe.idpedidos AND Pe.estado=0 AND  
Pe.idpedidos='"+idpedido+"'");
```

```
String []nomcolumnas=new String[]{"Nombre Pizza"};
```

```
jTable1.setModel(bd.llenarTabla(1, nomcolumnas, pedido));
```

```
jTable1.getColumnModel().getColumn(0).setHeaderRenderer(new  
RendererTabla(new Color(255,204,0),new Color(204,0,0)));
```

```
jTable1.getColumnModel().getColumn(0).setCellRenderer(new  
RendererTabla(new Color(204,0,0), new Color(255,204,0)));
```

```
} catch (SQLException ex) {
```

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




```
}  
  
}  
  
/**  
 * 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"> //GEN-BEGIN: initComponents  
private void initComponents() {  
  
    jPanel1 = new javax.swing.JPanel();  
    jLabel1 = new javax.swing.JLabel();  
    listo = new javax.swing.JButton();  
    npedido = new javax.swing.JLabel();  
    jLabel3 = new javax.swing.JLabel();  
    jLabel4 = new javax.swing.JLabel();  
    npizzas = new javax.swing.JLabel();  
    actualizar = new javax.swing.JButton();  
    jScrollPane2 = new javax.swing.JScrollPane();  
    jTable1 = new javax.swing.JTable();  
}
```



```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
setTitle("Chulo's Pizza: ¡A COCINAR!");
```

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

```
jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Logo  
principal copy.png"))); // NOI18N
```

```
jLabel1.setVerticalAlignment(javax.swing.SwingConstants.BOTTOM);
```

```
listo.setBackground(new java.awt.Color(255, 204, 0));
```

```
listo.setFont(new java.awt.Font("Comic Sans MS", 1, 48)); // NOI18N
```

```
listo.setText("LISTO");
```

```
listo.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        listoActionPerformed(evt);  
    }  
});
```

```
npedido.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N
```

```
npedido.setForeground(new java.awt.Color(255, 204, 0));
```

```
npedido.setText("XXX");
```



```
jLabel3.setBackground(new java.awt.Color(255, 153, 0));

jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 204, 0));

jLabel3.setText("Pedido:");


jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 204, 0));

jLabel4.setText("Pizzas:");


npizzas.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N

npizzas.setForeground(new java.awt.Color(255, 204, 0));

npizzas.setText("XXX");


actualizar.setBackground(new java.awt.Color(255, 204, 0));

actualizar.setFont(new java.awt.Font("Comic Sans MS", 1, 24)); // NOI18N

actualizar.setText("ACTUALIZAR");

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

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

        actualizarActionPerformed(evt);

    }

});


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



```
        javax.swing.GroupLayout jPanel1Layout = new  
javax.swing.GroupLayout(jPanel1);  
  
    jPanel1.setLayout(jPanel1Layout);  
  
    jPanel1Layout.setHorizontalGroup(  
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel1Layout.createSequentialGroup()  
                .addGap(10, 10, 10)  
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                    .addGroup(jPanel1Layout.createSequentialGroup()  
                        .add(jPanel1Label, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)  
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
                        .add(jPanel1TextField, javax.swing.GroupLayout.DEFAULT_SIZE, 100, false)  
                    )  
                    .addGroup(jPanel1Layout.createSequentialGroup()  
                        .add(jPanel1PasswordField, javax.swing.GroupLayout.DEFAULT_SIZE, 100, false)  
                    )  
                )  
            )  
    );
```



```
.addGap(312, 312, 312)
```

```
.addComponent(jLabel4)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

RELATED)

```
.addComponent(npizzas)
```

```
.addGap(0, 0, Short.MAX_VALUE))
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

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

```
.addComponent(jLabel1)
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel3)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
```

ent.RELATED)

```
.addComponent(npedido,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 94,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

RELATED)

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

```
.addComponent(jScrollPane2,  
javax.swing.GroupLayout.DEFAULT_SIZE, 465, Short.MAX_VALUE)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```



```
.addGap(0, 0, Short.MAX_VALUE)

.addComponent(actualizar,
javax.swing.GroupLayout.PREFERRED_SIZE, 201,
javax.swing.GroupLayout.PREFERRED_SIZE))))))

.addComponent(listo, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addContainerGap()

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

.addComponent(actualizar)

.addComponent(npedido)

.addComponent(jLabel3))

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

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

.addGroup(jPanel1Layout.createSequentialGroup())

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

.addComponent(jLabel4)
```



```
.addComponent(npizzas))

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

.addComponent(jScrollPane2,
javax.swing.GroupLayout.DEFAULT_SIZE, 227, Short.MAX_VALUE))

.addComponent(jLabel1))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(listo, javax.swing.GroupLayout.PREFERRED_SIZE,
128, javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap())

);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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>//GEN-END:initComponents
```

```
private void actualizarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_actualizarActionPerformed
```

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

```
actualizar();
```

```
}//GEN-LAST:event_actualizarActionPerformed
```

```
private void listoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_listoActionPerformed
```

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

```
bd.ejecutar("UPDATE pedidos SET estado=1 WHERE  
idpedidos='"+idpedido+"'");
```

```
JOptionPane.showMessageDialog(null, "Pedido actualizado y listo para  
entregar");
```

```
actualizar();
```

```
}//GEN-LAST:event_listoActionPerformed
```

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




```
private javax.swing.JButton actualizar;  
  
private javax.swing.JLabel jLabel1;  
  
private javax.swing.JLabel jLabel3;  
  
private javax.swing.JLabel jLabel4;  
  
private javax.swing.JPanel jPanel1;  
  
private javax.swing.JScrollPane jScrollPane2;  
  
private javax.swing.JTable jTable1;  
  
private javax.swing.JButton listo;  
  
private javax.swing.JLabel npedido;  
  
private javax.swing.JLabel npizzas;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Repartidores

Aquí se agregaron dos nuevas funciones diferentes a las de los sistemas anteriores las cuales fueron las de TicketPDF y una de instalación para poder usar la ubicación de Google Maps.

Funcion Ticket PDF

```
package Funciones;  
  
import Interfaz.Repartidor;  
  
import com.itextpdf.text.BadElementException;  
  
import com.itextpdf.text.BaseColor;  
  
import java.io.File;  
  
import com.itextpdf.text.Document;
```



```
import com.itextpdf.text.DocumentException;

import com.itextpdf.text.Element;

import com.itextpdf.text.Font;

import com.itextpdf.text.Font.FontFamily;

import com.itextpdf.text.Image;

import com.itextpdf.text.PageSize;

import com.itextpdf.text.Paragraph;

import com.itextpdf.text.Rectangle;

import com.itextpdf.text.pdf.PdfPCell;

import com.itextpdf.text.pdf.PdfPTable;

import com.itextpdf.text.pdf.PdfWriter;

import java.awt.Desktop;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import java.sql.SQLException;

import java.time.LocalDate;

import java.util.logging.Level;

import java.util.logging.Logger;
```



```
public class TicketPDF {

    File archivo;

    FileChuser dir=new FileChuser();

    String directorio;

    Font f=new Font(FontFamily.HELVETICA,8,Font.NORMAL,BaseColor.BLACK);

    String idpedido;

    String cliente[];

    String lineas[][];

    int cantidadlineas;

    String []totales;

    BasededatosManager bd=new BasededatosManager();

    PdfPCell vacio=new PdfPCell(new Paragraph(" "));

    public TicketPDF(String id, int idcliente,String directorio) throws
    FileNotFoundException, DocumentException, IOException{

        try {

            this.directorio=directorio;

            String nombreciente="";

            this.idpedido=id;

            this.cliente=llenarVector("SELECT nombre,direccion,telefono FROM
            clientes WHERE idclientes="+idcliente+"");

            //TODO
```



```
ResultSet consultanumdetalle=bd.consultar("SELECT cantidad FROM  
pedidos WHERE idpedidos='"+id+"'");
```

```
while(consultanumdetalle.next()){  
  
    this.cantidadlineas=consultanumdetalle.getInt("cantidad");  
  
}
```

```
ResultSet consultadetalle1=bd.consultar("SELECT P.nombre FROM pizzas  
P,   detalleventas   D   WHERE   D.pizzas_idpizzas=P.idpizzas   AND  
D.pedidos_idpedidos='"+id+"'");
```

```
lineas=new String[cantidadlineas][2];  
  
String []linea1=new String[cantidadlineas];  
  
String []linea2=new String[cantidadlineas];  
  
int z=0;  
  
while(consultadetalle1.next()){  
  
    linea1[z]=consultadetalle1.getString(1);  
  
    z++;  
  
}
```

```
ResultSet consultadetalle2 = bd.consultar("SELECT P.precio FROM pizzas  
P,   detalleventas   D   WHERE   D.pizzas_idpizzas=P.idpizzas   AND  
D.pedidos_idpedidos='" + id + "'");
```

```
z=0;  
  
while(consultadetalle2.next()){  
  
    linea2[z]=consultadetalle2.getString(1);  
  
    z++;  
  
}
```



```
System.out.println(cantidadlineas);

for(int a=0;a<linea1.length; a++){

    System.out.println(a);

    System.out.println(linea1[a]);

    System.out.println(linea2[a]);

    lineas[a][0]=linea1[a];

    lineas[a][1]=linea2[a];

    System.out.println(lineas[a][0]+" "+lineas[a][1]);

}

this.totales=llenarVector("SELECT total,iva,totalneto FROM pedidos
WHERE idpedidos='"+idpedido+"'");

this.archivo=new File(directorio);

Document documento=new Document(PageSize.A6);

FileOutputStream ficheroPdf=new FileOutputStream(archivo);

PdfWriter.getInstance(documento, ficheroPdf).setInitialLeading(20);

documento.setMargins(0,0,1,0);

documento.open();

documento.add(tablaHeader());

documento.add(tablaCliente());

documento.add(tablaLineas());

documento.add(tablaFooter());

documento.close();

FileInputStream pdf=new FileInputStream(archivo);
```



```
int len = (int)archivo.length();

String query = ("UPDATE pedidos SET ticket=? WHERE
idpedidos='"+idpedido+"'");

BasededatosManager bd=new BasededatosManager();

PreparedStatement pstmt =
bd.getConexion("chulospizza").prepareStatement(query);

//method to insert a stream of bytes

pstmt.setBinaryStream(1,pdf);

pstmt.executeUpdate();

ejecutarPDF();

} catch (SQLException ex) {

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

}

}
```



```
String[] llenarVector(String sql){

String[] fila = null;

try {

    ResultSet consulta=bd.consultar(sql);

    ResultSetMetaData rsmd=consulta.getMetaData();

    int columnas=rsmd.getColumnCount();

    fila=new String[columnas];
```



```
while(consulta.next()){  
    for(int a=0;a<fila.length;a++){  
        fila[a]=consulta.getString(a+1);  
    }  
}  
  
} catch (SQLException ex) {  
    Logger.getLogger(PedidoPDF.class.getName()).log(Level.SEVERE, null,  
ex);  
}  
  
return fila;  
}  
  
PdfPTable tablaCliente(){  
  
    PdfPTable tablacliente=new PdfPTable(2);  
  
    tablacliente.setTotalWidth(500);  
  
    PdfPCell celdanombrecliente=new PdfPCell(new Paragraph("Nombre Del  
Cliente: "+cliente[0]));  
  
    tablacliente.addCell(celdanombrecliente);  
  
    PdfPCell celdavendedor=new PdfPCell(new Paragraph("Vendedor: APP"));  
  
    tablacliente.addCell(celdavendedor);  
  
    PdfPCell celdadireccion=new PdfPCell(new Paragraph("Direccion:  
"+cliente[1]));  
  
    celdadireccion.setColspan(2);  
  
    tablacliente.addCell(celdadireccion);  
}
```



```
vacio.setColspan(2);  
  
vacio.setBorder(Rectangle.BOTTOM | Rectangle.TOP);  
  
tablacliente.addCell(vacio);  
  
return tablacliente;  
  
}
```

```
PdfPTable tablaLineas(){  
  
    PdfPTable tabllineas=new PdfPTable(2);  
  
        PdfPCell celdanombrepizza=new PdfPCell(new Paragraph("Nombre  
Pizza",f));  
  
        tabllineas.addCell(celdanombrepizza);  
  
        PdfPCell celdapreciopizza=new PdfPCell(new Paragraph("Precio",f));  
  
        tabllineas.addCell(celdapreciopizza);  
  
        for(int a=0;a<cantidadlineas;a++){  
  
            for(int b=0;b<2;b++){  
  
                PdfPCell celda=new PdfPCell(new Paragraph(lineas[a][b],f));  
  
                tabllineas.addCell(celda);  
  
            }  
  
        }  
  
        vacio.setColspan(2);  
  
        vacio.setBorder(Rectangle.BOTTOM | Rectangle.TOP);  
  
        tabllineas.addCell(vacio);  
  
        return tabllineas;  
  
}
```




}

```
PdfPTable tablaFooter(){  
  
    PdfPTable tablafooter=new PdfPTable(2);  
  
    PdfPTable cantidades=new PdfPTable(2);  
  
    PdfPCell celdasubtotal=new PdfPCell(new Paragraph("Subtotal",f));  
    cantidades.addCell(celdasubtotal);  
  
    PdfPCell subtotalcantidad=new PdfPCell(new Paragraph("$"+totales[0],f));  
    cantidades.addCell(subtotalcantidad);  
  
    PdfPCell celdaiva=new PdfPCell(new Paragraph("I.V.A.",f));  
    cantidades.addCell(celdaiva);  
  
    PdfPCell ivacantidad=new PdfPCell(new Paragraph("$"+totales[1],f));  
    cantidades.addCell(ivacantidad);  
  
    PdfPCell celdatotal=new PdfPCell(new Paragraph("Total",f));  
    cantidades.addCell(celdatotal);  
  
    PdfPCell totalcantidad=new PdfPCell(new Paragraph("$"+totales[2],f));  
    cantidades.addCell(totalcantidad);  
  
    PdfPCell celdacantidades=new PdfPCell(cantidades);  
  
    vacio=new PdfPCell(new Paragraph("!Que tenga un buen día!"));  
  
    vacio.setColspan(1);  
  
    vacio.setBorder(Rectangle.RIGHT|Rectangle.TOP|Rectangle.LEFT|  
Rectangle.BOTTOM);
```



```
        tablafooter.addCell(vacio);

        tablafooter.addCell(celdacantidades);

        return tablafooter;

    }
```

```
    PdfPTable tablaHeader() throws IOException, BadElementException{

        PdfPTable tablaheader=new PdfPTable(4);

        tablaheader.setTotalWidth(600);

        BasededatosManager bd=new BasededatosManager();

        try {

            ResultSet consulta=bd.consultar("SELECT logoempresa FROM
configuracion");

            byte[] arreglo=null;

            while(consulta.next()){

                arreglo=consulta.getBytes("logoempresa");

            }

            Image logo=Image.getInstance(arreglo);

            logo.scalePercent(15);

            PdfPCell celdalogo=new PdfPCell(logo);

            celdalogo.setBorderColor(BaseColor.WHITE);

            celdalogo.setColspan(4);

            celdalogo.setHorizontalAlignment(Element.ALIGN_CENTER);

            tablaheader.addCell(celdalogo);

        }catch (SQLException ex) {
```



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

```
Font a=new
Font(FontFamily.HELVETICA,18,Font.BOLD,BaseColor.BLACK);
```

```
        PdfPCell celdatitulo = new PdfPCell(new Paragraph("PEDIDO PIZZAS",a));
        celdatitulo.setColspan(2);
        celdatitulo.setBorderColor(BaseColor.WHITE);
        tablaheader.addCell(celdatitulo);
```

```
        PdfPCell celdafecha = new PdfPCell(new Paragraph("Fecha:
"+LocalDate.now(),f));
```

```
        celdafecha.setBorderColor(BaseColor.WHITE);
        tablaheader.addCell(celdafecha);
```

```
        PdfPCell celdapedido= new PdfPCell(new Paragraph("N° Pedido:
"+idpedido,f));
```

```
        celdapedido.setBorderColor(BaseColor.WHITE);
        tablaheader.addCell(celdapedido);
```

```
        vacio.setColspan(4);
        vacio.setBorder(Rectangle.BOTTOM);
        tablaheader.addCell(vacio);
```

```
    return tablaheader;
```

```
}
```

```
public void ejecutarPDF(){
```



```
String d = "";

try {

    if ("/".equals(directorio.substring(0, 1))) {

        Runtime.getRuntime().exec("evince " + directorio);

    }

    if (":".equals(directorio.substring(1, 2))) {

        char signo = (char) 92;

        String[] arreglo = directorio.split("\\\\");

        for (int a = 0; a < arreglo.length; a++) {

            d = d + arreglo[a] + "\\\\";

        }

        Desktop.getDesktop().open(new File(d));

    }

} catch (IOException ex) {

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

}

}
```



```
public static void main(String a[]){

    try {

        FileChuser dir=new FileChuser();
```



```
String direc=dir.obtenerDirectorio("compra.pdf");

TicketPDF ticket=new TicketPDF("4",8,direc);

} catch (DocumentException ex) {

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

} catch (IOException ex) {

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

}

}

}
```

Funcion de Instalacion Google Maps

```
package html;

public class instalacion extends javax.swing.JFrame {

    public instalacion() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
```



```
jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

jLabel2 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);


jLabel1.setText("Elige sistema a instalar:");


jRadioButton1.setText("Caja");


jRadioButton2.setText("Cocinero");


jRadioButton3.setText("Repartidor");


jRadioButton4.setText("Inventario");
```



```
jRadioButton5.setText("Gerente");
```

```
jLabel2.setText("Elige ruta");
```

```
jTextField1.setText("/home");
```

```
jButton1.setText("Examinar..");
```

```
jButton2.setText("Aceptar");
```

```
jButton3.setText("Cancelar");
```

```
                                jLabel3.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaz/Logo      principal  
copy.png"))); // NOI18N
```

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

```
getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
```

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

```
        .addGroup(layout.createParallelGroup()
```



```
.addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

.addGroup(layout.createSequentialGroup())

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.LEADING)

.addComponent(jLabel2)

.addComponent(jRadioButton5)

.addComponent(jRadioButton4)

.addComponent(jRadioButton3)

.addComponent(jRadioButton2)

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, 12, Short.MAX_VALUE)

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 120,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup())

.addComponent(jButton2)
```




```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
.addComponent(jButton3)))  
  
.addContainerGap()  
  
);  
  
layout.setVerticalGroup(  
  
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addGroup(layout.createSequentialGroup()  
  
.addContainerGap()  
  
.addComponent(jLabel1)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
.addComponent(jRadioButton1)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
.addComponent(jRadioButton2)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
.addComponent(jRadioButton3)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
.addComponent(jRadioButton4)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)
```



```
.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)

                                .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(jButton1))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)

                                .addComponent(jButton2)

                                .addComponent(jButton3))

.addContainerGap(65, Short.MAX_VALUE))

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

);

pack();
```



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

/**
 * @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(instalacion.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

        java.util.logging.Logger.getLogger(instalacion.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 instalacion().setVisible(true);

    }

});

}
```



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

private javax.swing.JButton jButton1;
```



```
private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JRadioButton jButton1;

private javax.swing.JRadioButton jButton2;

private javax.swing.JRadioButton jButton3;

private javax.swing.JRadioButton jButton4;

private javax.swing.JRadioButton jButton5;

private javax.swing.JTextField jTextField1;

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

}
```

Ventana Repartidores – Login

```
package Interfaz;

import Funciones.BasededatosManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Login extends javax.swing.JFrame {

    String usuario ="";
```



```
String contraseña ="";

public Login() {

    initComponents();

}

@SuppressWarnings("unchecked")

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

    private void initComponents() {

        jDesktopPane1 = new javax.swing.JDesktopPane();

        jPanel1 = new javax.swing.JPanel();

        jLabel2 = new javax.swing.JLabel();

        jLabel1 = new javax.swing.JLabel();

        jLabel3 = new javax.swing.JLabel();

        jLabel4 = new javax.swing.JLabel();

        txtuser = new javax.swing.JTextField();

        jButton1 = new javax.swing.JButton();

        txtcontraseña = new javax.swing.JPasswordField();

        javax.swing.GroupLayout jDesktopPane1Layout = new
        javax.swing.GroupLayout(jDesktopPane1);

        jDesktopPane1.setLayout(jDesktopPane1Layout);

        jDesktopPane1Layout.setHorizontalGroup(
```



```
jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Align  
ment.LEADING)
```

```
.addGap(0, 100, Short.MAX_VALUE)  
);
```

```
jDesktopPane1Layout.setVerticalGroup(  
jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Align  
ment.LEADING)
```

```
.addGap(0, 100, Short.MAX_VALUE)  
);
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);  
setTitle("Chulo's Pizza - Login");  
setResizable(false);
```

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

```
                                JLabel2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaz/Logo          principal  
copy.png"))); // NOI18N
```

```
JLabel2.setText("JLabel2");
```

```
JLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 48)); // NOI18N
```

```
JLabel1.setForeground(new java.awt.Color(255, 204, 51));
```

```
JLabel1.setText("Inicio de Sesión");
```



```
jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel3.setText("Usuario:");
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Contraseña:");
```

```
txtuser.setBackground(new java.awt.Color(255, 204, 0));
```

```
txtuser.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

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

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

```
        txtuserActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```




```
}  
});
```

```
txtcontraseña.setBackground(new java.awt.Color(255, 204, 0));
```

```
txtcontraseña.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); //
```

```
NOI18N
```

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

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

```
txtcontraseñaActionPerformed(evt);
```

```
}
```

```
});
```

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

```
jPanel1.setLayout(jPanel1Layout);
```

```
jPanel1Layout.setHorizontalGroup(
```

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

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()
```

```
.addGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```



```
.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(288, 288, 288))

.addGroup(jPanel1Layout.createSequentialGroup())

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(39, 39, 39)

.addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addComponent(jLabel1))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(96, 96, 96)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)
```



```
.addComponent(txtuser,
javax.swing.GroupLayout.PREFERRED_SIZE, 418,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

        .addComponent(jLabel4)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)

        .addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE, 418,
javax.swing.GroupLayout.PREFERRED_SIZE))))))

        .addContainerGap(77, Short.MAX_VALUE))

    );

    jPanel1Layout.setVerticalGroup(

        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

        .addGroup(jPanel1Layout.createSequentialGroup())

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

            .addGroup(jPanel1Layout.createSequentialGroup())

                .addGap(65, 65, 65)

                .addComponent(jLabel1))

            .addGroup(jPanel1Layout.createSequentialGroup())

                .addContainerGap()

                .addComponent(jLabel2)))
```



```
.addGap(21, 21, 21)

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

.addComponent(txtuser,
javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3))

.addGap(45, 45, 45)

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

.addComponent(jLabel4)

.addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(40, 40, 40)

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(49, Short.MAX_VALUE))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(
```



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

    .addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

);

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> // GEN-END: initComponents

private void txtuserActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_txtuserActionPerformed

    // TODO add your handling code here:

} // GEN-LAST:event_txtuserActionPerformed

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed

    // TODO add your handling code here:

    try {
```





```
}//GEN-LAST:event_txtcontraseñaActionPerformed
```

```
/**
```

```
 * @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.loggi
ng.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

    }

//</editor-fold>

//</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//GEN-BEGIN:variables



```
private javax.swing.JButton jButton1;

private javax.swing.JDesktopPane jDesktopPane1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JPanel jPanel1;

private javax.swing.JPasswordField txtcontraseña;

private javax.swing.JTextField txtuser;

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

}
```

Ventana Repartidores – Principal

```
package Interfaz;

import Funciones.BasededatosManager;

import Funciones.FileChuser;

import Funciones.PedidoPDF;

import Funciones.RendererTabla;

import Funciones.TicketPDF;

import com.itextpdf.text.DocumentException;

import com.teamdev.jxbrowser.chromium.Browser;

import com.teamdev.jxbrowser.chromium.swing.BrowserView;

import java.awt.*;

import java.io.ByteArrayOutputStream;
```



```
import java.io.File;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

import javax.swing.WindowConstants;

public class Repartidor extends javax.swing.JFrame {

    public static final int MIN_ZOOM = 0;

    public static final int MAX_ZOOM = 21;

    final Browser browser;

    double latitud=0, longitud=0;

    JFrame frame = new JFrame();

    /**

     * In map.html file default zoom value is set to 4.

     */

    private static int zoomValue = 4;

    String directorio;

    byte [] bytes;
```



```
BrowserView browserView;

BasededatosManager bd=new BasededatosManager();

boolean bol;

int idcliente = 0;

public Repartidor() {

    browser = new Browser();

    try {

        initComponents();

        this.setExtendedState(JFrame.MAXIMIZED_BOTH);

        entrega();

        browser.loadURL("http://nthings.me/maps.html");

        if(bol==true){

            mapa();

        }

    } catch (SQLException ex) {

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

    }

}

void entrega() throws SQLException{

    frame.dispose();

    browserView = new BrowserView(browser);
```



```
browser.loadURL("http://nthings.me/maps.html");
```

```
ByteArrayOutputStream bos = new ByteArrayOutputStream();
```

```
bytes = bos.toByteArray();
```

```
ResultSet consulta = bd.consultar("SELECT  
idpedidos,cantidad,totalneto,clientes_idclientes,ticket FROM pedidos WHERE  
entregado=0 AND estado=1");
```

```
bol=true;
```

```
if (consulta.first()) {
```

```
    id_pedido.setText(consulta.getString(1));
```

```
    numpizzas.setText(consulta.getString(2));
```

```
    totalneto.setText("$" + consulta.getString(3));
```

```
    idcliente = consulta.getInt(4);
```

```
    bytes = consulta.getBytes(5);
```

```
} else {
```

```
    JOptionPane.showMessageDialog(null, "No hay pedidos por entregar",  
    "HEY", JOptionPane.WARNING_MESSAGE);
```

```
    id_pedido.setText("XXX");
```

```
    numpizzas.setText("XXX");
```

```
    totalneto.setText("XXX");
```

```
    bol=false;
```

```
}
```



```
if(bol==true){

    ResultSet consultamapa = bd.consultar("SELECT latitud,longitud FROM
clientes WHERE idclientes=" + idcliente + "");

    if (consultamapa.first()) {

        this.latitud = consultamapa.getDouble("latitud");

        this.longitud = consultamapa.getDouble("longitud");

    }

    System.out.println(latitud + " " + longitud + "\nid:" + id_pedido.getText());

    ResultSet detalleventas = bd.consultar("SELECT P.nombre FROM pizzas
P, detalleventas D WHERE D.pizzas_idpizzas=P.idpizzas AND
D.pedidos_idpedidos=" + id_pedido.getText() + """);

    String[] nomcolumnas = new String[]{"Pizzas"};

    jTable2.setModel(bd.llenarTabla(1, nomcolumnas, detalleventas));

    jTable2.getColumnModel().getColumn(0).setHeaderRenderer(new
RendererTabla(new Color(255, 204, 0), new Color(204, 0, 0)));

    jTable2.getColumnModel().getColumn(0).setCellRenderer(new
RendererTabla(new Color(204, 0, 0), new Color(255, 204, 0)));

    frame.setDefaultCloseOperation(WindowConstants.DISPOSE_ON_CLOSE
);

    frame.add(browserView, BorderLayout.CENTER);

    frame.setSize(700, 500);

    frame.setLocationRelativeTo(null);

    frame.setAlwaysOnTop(true);
```



```
        mapa();
    }
}

public void ejecutarPDF(){
    String d = "";
    try {

        if ("/".equals(directorio.substring(0, 1))) {
            Runtime.getRuntime().exec("evince " + directorio);
        }

        if (":".equals(directorio.substring(1, 2))) {
            char signo = (char) 92;
            String[] arreglo = directorio.split("\\\\");
            for (int a = 0; a < arreglo.length; a++) {
                d = d + arreglo[a] + "\\\\";
            }

            Desktop.getDesktop().open(new File(d));
        }
    } catch (IOException ex) {

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



```
}
```

```
/**
```

```
 * 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"> //GEN-BEGIN: initComponents
```

```
    private void initComponents() {
```

```
        jScrollPane2 = new javax.swing.JScrollPane();
```

```
        jTable1 = new javax.swing.JTable();
```

```
        jPanel1 = new javax.swing.JPanel();
```

```
        id_pedido = new javax.swing.JLabel();
```

```
        jLabel3 = new javax.swing.JLabel();
```

```
        jLabel4 = new javax.swing.JLabel();
```

```
        num pizzas = new javax.swing.JLabel();
```

```
        jButton1 = new javax.swing.JButton();
```

```
        jButton3 = new javax.swing.JButton();
```

```
        jScrollPane3 = new javax.swing.JScrollPane();
```

```
        jTable2 = new javax.swing.JTable();
```

```
        jLabel6 = new javax.swing.JLabel();
```



```
totalneto = new javax.swing.JLabel();

jButton4 = new javax.swing.JButton();

jButton5 = new javax.swing.JButton();


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"
    }
));

jScrollPane2.setViewportView(jTable1);


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);


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


id_pedido.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N

id_pedido.setForeground(new java.awt.Color(255, 204, 0));
```




```
id_pedido.setText("XXX");
```

```
jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N
```

```
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel3.setText("Pizzas:");
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Pedido:");
```

```
numpizzas.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N
```

```
numpizzas.setForeground(new java.awt.Color(255, 204, 0));
```

```
numpizzas.setText("XXX");
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jButton1.setText("Imprimir Ticket de Entrega");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```



```
jButton3.setBackground(new java.awt.Color(255, 204, 0));

jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N

jButton3.setText("Abrir Mapa");

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

        jButton3ActionPerformed(evt);

    }

});
```

```
jTable2.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"

    }

));
```

```
jScrollPane3.setViewportViewView(jTable2);
```

```
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N
```



```
jLabel6.setForeground(new java.awt.Color(255, 204, 0));

jLabel6.setText("Total:");


totalneto.setFont(new java.awt.Font("Comic Sans MS", 1, 36)); // NOI18N
totalneto.setForeground(new java.awt.Color(255, 204, 0));
totalneto.setText("XXX");


jButton4.setBackground(new java.awt.Color(255, 204, 0));
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
jButton4.setText("ACTUALIZAR PEDIDOS");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});


jButton5.setBackground(new java.awt.Color(255, 204, 0));
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
jButton5.setText("POSICIONAR CLIENTE EN MAPA");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});
```



});

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

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

                .addGroup(jPanel1Layout.createSequentialGroup()

                    .addComponent(jLabel4)

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

                    .addComponent(id_pedido)

                    .addGap(257, 257, 257)

                    .addComponent(jLabel3)

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

                    .addComponent(numpizzas)

                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
RELATED, 203, Short.MAX_VALUE)
```



```
.addComponent(jLabel6)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

RELATED)

```
.addComponent(totalneto)
```

```
.addGap(8, 8, 8))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```

```
.addGap(0, 0, Short.MAX_VALUE)
```

```
.addComponent(jButton5)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

RELATED)

```
.addComponent(jButton4)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
```

RELATED)

```
.addComponent(jButton3))
```

```
.addComponent(jScrollPane3)
```

```
.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
```

```
.addContainerGap())
```

```
);
```

```
jPanel1Layout.setVerticalGroup(  
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
```

ADING)

```
.addGroup(jPanel1Layout.createSequentialGroup())
```



```
.addContainerGap()

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

.addComponent(jButton3)

.addComponent(jButton4)

.addComponent(jButton5))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

.addComponent(id_pedido)

.addComponent(jLabel4)

.addComponent(numpizzas)

.addComponent(jLabel3)

.addComponent(totalneto)

.addComponent(jLabel6))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(jScrollPane3,
javax.swing.GroupLayout.DEFAULT_SIZE, 139, Short.MAX_VALUE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 85,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addContainerGap()

);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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> // GEN-END: initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed

    try {

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



```
Image image = browserView.getImage();

FileChuser dir=new FileChuser();

directorio=dir.obtenerDirectorio(".pdf");

if(bytes==null){

TicketPDF ticketpedido=new
TicketPDF(id_pedido.getText(),idcliente,directorio);

}else{

File archivo = new File(directorio);

FileOutputStream fos;

fos = new FileOutputStream(archivo);

fos.write(bytes);

fos.flush();

fos.close();

}

PedidoPDF ticketentrega = new PedidoPDF(id_pedido.getText(),
image.getScaledInstance(350, 250, java.awt.Image.SCALE_SMOOTH), directorio
+ "mapa");

bd.ejecutar("UPDATE pedidos SET entregado='1' WHERE idpedidos=" +
id_pedido.getText() + " ");

ejecutarPDF();

actualizar();

} catch (FileNotFoundException ex) {
```




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

        } catch (IOException | DocumentException ex) {

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

        }

    } //GEN-LAST:event_jButton1ActionPerformed
```

```
        private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton3ActionPerformed

            // TODO add your handling code here:

            mapa();

        } //GEN-LAST:event_jButton3ActionPerformed
```

```
        private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton4ActionPerformed

            actualizar();

        } //GEN-LAST:event_jButton4ActionPerformed
```

```
        private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton5ActionPerformed

            // TODO add your handling code here:

            mapa();

        } //GEN-LAST:event_jButton5ActionPerformed
```



```
void mapa(){

    frame.setVisible(true);

    if(latitud!=0 && longitud!=0){

        browser.executeJavaScript("var myLatLng = new
google.maps.LatLng(\"+latitud+\", \"+longitud+\");\n" +

            "var marker = new google.maps.Marker({\n" +

            "  position: myLatLng,\n" +

            "  map: map,\n" +

            "  title: 'Cliente'\n" +

            "});");

    }else{

        JOptionPane.showMessageDialog(null, "Este cliente no tiene coordenadas
gps", "HEY", JOptionPane.ERROR_MESSAGE);

        frame.dispose();

    }

}

void actualizar(){

    try {

        // TODO add your handling code here:

        entrega();

    } catch (SQLException ex) {
```



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

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

```
private javax.swing.JLabel id_pedido;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel6;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JScrollPane jScrollPane3;
private javax.swing.JTable jTable1;
private javax.swing.JTable jTable2;
private javax.swing.JLabel numpizzas;
private javax.swing.JLabel totalneto;
```

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

```
}
```



Inventarios

Al igual que las anteriores aquí se utilizaron las mismas funciones antes mencionadas, al ser iguales utilizamos el mismo código en los diferentes sistemas.

Ventana Inventarios – Login

```
package Interfaces;

import Funciones.BasededatosManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Login extends javax.swing.JFrame {

    String usuario = "";

    String contraseña = "";

    public Login() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
```



```
jLabel2 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

txtuser = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

txtcontraseña = new javax.swing.JPasswordField();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

setTitle("Chulo's Pizza - Login");

setResizable(false);


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


jLabel2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/Logo
principal
copy.png"))); // NOI18N

jLabel2.setText("jLabel2");


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 48)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 204, 51));

jLabel1.setText("Inicio de Sesión");
```



```
jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel3.setText("Usuario:");
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Contraseña:");
```

```
txtuser.setBackground(new java.awt.Color(255, 204, 0));
```

```
txtuser.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

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

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

```
        txtuserActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton1.setText("Aceptar");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton1ActionPerformed(evt);
```

```
    }
```



```
});
```

```
txtcontraseña.setBackground(new java.awt.Color(255, 204, 0));
```

```
txtcontraseña.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); //
```

```
NOI18N
```

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

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

```
txtcontraseñaActionPerformed(evt);
```

```
}
```

```
});
```

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

```
jPanel1.setLayout(jPanel1Layout);
```

```
jPanel1Layout.setHorizontalGroup(
```

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

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
.addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 134,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addGap(288, 288, 288))

.addGroup(jPanel1Layout.createSequentialGroup())

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(39, 39, 39)

.addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE,          295,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addComponent(jLabel1))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(96, 96, 96)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)

.addComponent(txtuser,
javax.swing.GroupLayout.PREFERRED_SIZE,          418,
javax.swing.GroupLayout.PREFERRED_SIZE))
```




```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

    .addComponent(jLabel4)

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.UNRELATED)

                                .addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE,                418,
javax.swing.GroupLayout.PREFERRED_SIZE))))))

    .addContainerGap(77, Short.MAX_VALUE))

);

jPanel1Layout.setVerticalGroup(

    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

        .addGroup(jPanel1Layout.createSequentialGroup()

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

                .addGroup(jPanel1Layout.createSequentialGroup()

                    .addGap(65, 65, 65)

                    .addComponent(jLabel1))

                                .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE,                190,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

                                .addComponent(txtuser,
javax.swing.GroupLayout.PREFERRED_SIZE,                26,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(jLabel3))

.addGap(45, 45, 45)

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

                                .addComponent(jLabel4)

                                .addComponent(txtcontraseña,
javax.swing.GroupLayout.PREFERRED_SIZE,                26,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(40, 40, 40)

                                .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,                38,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(49, Short.MAX_VALUE))

);
```

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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



```
.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

);

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> // GEN-END: initComponents

private void txtuserActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_txtuserActionPerformed

// TODO add your handling code here:

} // GEN-LAST:event_txtuserActionPerformed

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed

// TODO add your handling code here:

try {

BasededatosManager bd=new BasededatosManager();
```



```
ResultSet consultaEmpleado=bd.consultar("SELECT idEmpleados FROM  
Empleados WHERE usuario='"+txtuser.getText()+" AND  
pass='"+txtcontraseña.getText()+" AND puestos_idpuestos=3;");
```

```
if(consultaEmpleado.first()){
```

```
    int idEmpleado = consultaEmpleado.getInt("idEmpleados");
```

```
    Inventarios g = new Inventarios(idEmpleado);
```

```
    g.setVisible(true);
```

```
    setVisible(false);
```

```
}
```

```
else{
```

```
    JOptionPane.showMessageDialog(null, "Datos Incorrectos");
```

```
}
```

```
} catch (SQLException ex) {
```

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

```
}
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void txtcontraseñaActionPerformed(java.awt.event.ActionEvent evt)
```

```
{//GEN-FIRST:event_txtcontraseñaActionPerformed
```

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

```
}//GEN-LAST:event_txtcontraseñaActionPerformed
```

```
/**
```



* @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 ("Windows".equals(info.getName())) {
```

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

```
            }
```

```
        }
```

```
    } catch (ClassNotFoundException | InstantiationException |  
            IllegalAccessException | javax.swing.UnsupportedLookAndFeelException ex) {
```

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

```
    }
```

```
    //</editor-fold>
```



//</editor-fold>

//</editor-fold>

//</editor-fold>

//</editor-fold>

//</editor-fold>

/* Create and display the form */

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

 @Override

 public void run() {

 new Login().setVisible(true);

 }

});

}

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

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JPanel jPanel1;

private javax.swing.JPasswordField txtcontraseña;



```
private javax.swing.JTextField txtuser;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Ventana Inventarios – Principal

```
package Interfaces;  
  
import java.awt.Color;  
  
import java.awt.Graphics;  
  
public class Inventarios extends javax.swing.JFrame {  
  
    int idempleado;  
  
    public Inventarios(int idempleado) {  
  
        initComponents();  
  
        this.idempleado=idempleado;  
  
    }  
  
    @SuppressWarnings("unchecked")  
  
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN: initComponents  
  
    private void initComponents() {  
  
        ingreven = new javax.swing.JDesktopPane(){  
  
            @Override  
  
            protected void paintComponent(Graphics g) {  
  
                super.paintComponent(g);  
  
                g.setColor(new Color(204,0,0));  
  
            }  
  
        }  
  
    }  
  
}
```



```
        g.fillRect(0, 0, getWidth(), getHeight());
    }

};

jButton4 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

setTitle("Chulo's Pizza: Control de inventarios");

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

jButton4.setBackground(new java.awt.Color(255, 204, 0));

jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 24)); // NOI18N

jButton4.setText("Ingredientes");

jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jButton3.setBackground(new java.awt.Color(255, 204, 0));

jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 24)); // NOI18N

jButton3.setText("Proveedores");

jButton3.addActionListener(new java.awt.event.ActionListener() {
```




```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    jButton3ActionPerformed(evt);  
}  
});
```

```
        javax.swing.GroupLayout layout = new  
        javax.swing.GroupLayout(getContentPane());  
  
        getContentPane().setLayout(layout);  
  
        layout.setHorizontalGroup(  
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(ingreven)  
                .addGroup(layout.createSequentialGroup()  
                    .addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,  
490, Short.MAX_VALUE)  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
                    .addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE,  
490, Short.MAX_VALUE)  
                )  
        );  
  
        layout.setVerticalGroup(  
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addGroup(layout.createSequentialGroup()  
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
                        .addComponent(ingreven)  
                        .addGroup(layout.createSequentialGroup()  
                            .addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,  
490, Short.MAX_VALUE)  
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
                            .addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE,  
490, Short.MAX_VALUE)  
                        )  
                    )  
                )  
        );
```



```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                                .addComponent(jButton4,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(jButton3,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE))

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

    .addComponent(ingreven, javax.swing.GroupLayout.DEFAULT_SIZE,
    452, Short.MAX_VALUE))

    );

    pack();

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


private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton4ActionPerformed

    // TODO add your handling code here:

    Inventario i=new Inventario(idempleado);

    ingreven.add(i);

    i.show();

} // GEN-LAST:event_jButton4ActionPerformed
```



```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed

    // TODO add your handling code here:

    Proveedores p=new Proveedores(idempleado);

    ingreven.add(p);

    p.show();

} //GEN-LAST:event_jButton3ActionPerformed


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

public static javax.swing.JDesktopPane ingreven;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

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

}
```

Ventana Inventarios – Inventarios

```
package Interfaces;

import Funciones.BasededatosManager;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

public class Inventario extends javax.swing.JInternalFrame {

    int idempleado;

    BasededatosManager bd=new BasededatosManager();

    public Inventario(int idempleado) {
```



```
initComponents();

this.idempleado=idempleado;

ResultSet consulta=bd.consultar("SELECT * FROM ingredientes;");

String[] nomcolumnas=new String[]{"ID","Nombre","Stock","IDProveedor"};

jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

    jPanel1 = new javax.swing.JPanel();

    jScrollPane1 = new javax.swing.JScrollPane();

    jTable1 = new javax.swing.JTable();

    jButton1 = new javax.swing.JButton();

    jButton2 = new javax.swing.JButton();

    jButton3 = new javax.swing.JButton();

    txtbuscar = new javax.swing.JTextField();

    jButton4 = new javax.swing.JButton();

    jButton5 = new javax.swing.JButton();

    jButton6 = new javax.swing.JButton();

    setClosable(true);
```



```
setIconifiable(true);

setMaximizable(true);

setResizable(true);

setTitle("Chulo's Pizza: Gerentes - Inventarios");


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


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, null, null, null, null}
    },
    new String [] {
        "ID Ingrediente", "Nombre", "Precio", "Stock", "Proveedor"
    }
));

jScrollPane1.setViewportViewView(jTable1);


jButton1.setBackground(new java.awt.Color(255, 204, 0));

jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
        jButton1.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/add182.png")));    //  
NOI18N
```

```
jButton1.setText("Nuevo Ingrediente");  
  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```

```
jButton2.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
        jButton2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pencil41.png")));    //  
NOI18N
```

```
jButton2.setText("Editar Ingrediente");  
  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
jButton3.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/cross108.png")));    //  
NOI18N
```

```
jButton3.setText("Eliminar Ingrediente");  
  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton3ActionPerformed(evt);  
    }  
});
```

```
txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
txtbuscar.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtbuscarActionPerformed(evt);  
    }  
});
```

```
jButton4.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
jButton4.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47  
(1).png"))); // NOI18N  
  
jButton4.setText("Buscar");  
  
jButton4.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    jButton4ActionPerformed(evt);  
}  
});
```

```
jButton5.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png"))); //  
NOI18N
```

```
jButton5.setText("Regresar");
```

```
jButton5.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton5ActionPerformed(evt);  
    }  
});
```

```
jButton6.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton6.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png"))); //  
NOI18N
```

```
jButton6.setText("Actualizar");
```

```
jButton6.addActionListener(new java.awt.event.ActionListener() {
```


[illegible]



```
.addGap(9, 9, 9))

.addGroup(jPanel1Layout.createSequentialGroup())

.addContainerGap()

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

.addComponent(jScrollPane1)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 146,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(150, 150, 150)

.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE, 419,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(285, 285, 285)
```



```
.addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGap(0, 0, Short.MAX_VALUE)))

        .addContainerGap()

    );

    jPanel1Layout.setVerticalGroup(

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

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

                .addGap(30, 30, 30)

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

                        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                            .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

                                    .addGap(18, 18, 18)

                                        .addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE,
```



```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addGap(11, 11, 11)  
  
    .addComponent(jButton4)  
  
    .addGap(16, 16, 16)  
  
    .addComponent(jScrollPane1,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 271,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.ALIGNMENT.BASELINE)  
  
    .addComponent(jButton5,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 36,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jButton6,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 36,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
  
    .addContainerGap(15, Short.MAX_VALUE))  
  
);  
  
        javax.swing.GroupLayout layout = new  
        javax.swing.GroupLayout(getContentPane());  
  
        getContentPane().setLayout(layout);  
  
        layout.setHorizontalGroup(
```



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

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

    );

    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> // GEN-END: initComponents
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton1ActionPerformed
```

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

```
    AgregarIngrediente a = new AgregarIngrediente();
```

```
    Inventarios.ingreven.add(a);
```

```
    a.toFront();
```

```
    a.show();
```

```
} // GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton2ActionPerformed
```



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

```
try{
```

```
    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del  
    ingrediente que deseas modificar"));
```

```
    ModificarIngrediente mi = new ModificarIngrediente(id);
```

```
    Inventarios.ingreven.add(mi);
```

```
    mi.toFront();
```

```
    mi.show();
```

```
}catch(NumberFormatException e){
```

```
    JOptionPane.showMessageDialog(null,"Ingresa un id  
    válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```

```
private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_txtbuscarActionPerformed
```

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

```
}//GEN-LAST:event_txtbuscarActionPerformed
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton5ActionPerformed
```

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

```
setVisible(false);
```

```
}//GEN-LAST:event_jButton5ActionPerformed
```



```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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

```
try{
```

```
    int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del ingrediente que deseas eliminar"));
```

```
        bd.ejecutar("DELETE FROM ingredientes WHERE idingredientes='"+id+"'");
```

```
        JOptionPane.showMessageDialog(null, "El ingrediente ha sido eliminado de la base de datos");
```

```
    }catch(NumberFormatException e){
```

```
        JOptionPane.showMessageDialog(null,"Ingresa un id válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
    }
```

```
//GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton4ActionPerformed
```

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

```
    ResultSet consulta=bd.consultar("SELECT * FROM ingredientes where idingredientes="+txtbuscar.getText()+");
```

```
    String[] nomcolumnas=new String[]{"ID","Nombre","Stock","IDProveedor"};
```

```
    jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```



```
}//GEN-LAST:event_jButton4ActionPerformed
```

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton6ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM ingredientes;");
```

```
String[] nomcolumnas=new String[]{"ID","Nombre","Stock","IDProveedor"};
```

```
jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
}//GEN-LAST:event_jButton6ActionPerformed
```

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

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JButton jButton4;
```

```
private javax.swing.JButton jButton5;
```

```
private javax.swing.JButton jButton6;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JScrollPane jScrollPane1;
```

```
private javax.swing.JTable jTable1;
```

```
private javax.swing.JTextField txtbuscar;
```

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




}

Ventana Inventarios – Agregar Ingrediente

```
package Interfaces;
```

```
import Funciones.BasededatosManager;
```

```
import javax.swing.JOptionPane;
```

```
public class AgregarIngrediente extends javax.swing.JInternalFrame {
```

```
    BasededatosManager bd=new BasededatosManager();
```

```
    public AgregarIngrediente() {
```

```
        initComponents();
```

```
    }
```

```
    @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();
```

```
            jLabel3 = new javax.swing.JLabel();
```

```
            nombre = new javax.swing.JTextField();
```

```
            stock = new javax.swing.JTextField();
```

```
            jLabel6 = new javax.swing.JLabel();
```

```
            jButton1 = new javax.swing.JButton();
```

```
            jButton2 = new javax.swing.JButton();
```



```
idproveedor = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();


setClosable(true);

setIconifiable(true);

setMaximizable(true);

setTitle("Chulo's Pizza: Ingrediente Nuevo");


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


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Datos de ingrediente nuevo");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
jLabel3.setText("Nombre:");


nombre.setBackground(new java.awt.Color(255, 204, 0));
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {

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

        nombreActionPerformed(evt);
    }
});
```



```
}  
  
});  
  
stock.setBackground(new java.awt.Color(255, 204, 0));  
  
stock.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N  
  
stock.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        stockActionPerformed(evt);  
    }  
});
```

```
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel6.setForeground(new java.awt.Color(255, 204, 0));  
jLabel6.setText("Stock:");
```

```
jButton1.setBackground(new java.awt.Color(255, 204, 0));  
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton1.setText("Aceptar");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```



```
jButton2.setBackground(new java.awt.Color(255, 204, 0));

jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton2.setText("Cancelar");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

        jButton2ActionPerformed(evt);

    }

});

idproveedor.setBackground(new java.awt.Color(255, 204, 0));

idproveedor.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N

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

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

        idproveedorActionPerformed(evt);

    }

});

jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jLabel7.setForeground(new java.awt.Color(255, 204, 0));

jLabel7.setText("ID Proveedor:");
```



```

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

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

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

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

                    .addGap(10, 10, 10)

                        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                                .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                    .addGap(71, 71, 71))

                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

                        .addGap(0, 74, Short.MAX_VALUE)

                            .addComponent(jLabel1)

                                .addGap(76, 76, 76))

                    .addGroup(jPanel1Layout.createSequentialGroup()

```



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

    .addGroup(jPanel1Layout.createSequentialGroup())

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

                .addGap(61, 61, 61)

                .addComponent(jLabel3))

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(74, 74, 74)

                .addComponent(jLabel6)))

        .addGap(4, 4, 4)

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

                .addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(stock,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(24, 24, 24)

                .addComponent(jLabel7))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
RELATED)  
  
                                .addComponent(idproveedor,  
javax.swing.GroupLayout.PREFERRED_SIZE,                                131,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
  
                                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))  
  
    );  
  
    jPanel1Layout.setVerticalGroup(  
  
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE  
ADING)  
  
        .addGroup(jPanel1Layout.createSequentialGroup())  
  
            .addGap(33, 33, 33)  
  
            .addComponent(jLabel1)  
  
            .addGap(44, 44, 44)  
  
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.LEADING)  
  
                                .addComponent(jLabel3,  
javax.swing.GroupLayout.PREFERRED_SIZE,                                24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
                                .addComponent(nombre,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

                                .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE,                24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(stock, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)

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

                                .addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE,                24,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(idproveedor,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, 18, Short.MAX_VALUE)

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

                                .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
38, Short.MAX_VALUE)

                                .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
```




```
.addGap(28, 28, 28))

);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        );

        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> //GEN-END: initComponents

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
FIRST:event_jButton2ActionPerformed

        // TODO add your handling code here:

        dispose();
```



```
}//GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("INSERT INTO ingredientes(nombre, stock, idproveedor) VALUES('"+nombre.getText()+"','"+stock.getText()+"','"+idproveedor.getText()+"');");
```

```
JOptionPane.showMessageDialog(null, "Ingrediente ingresado en la base de datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void stockActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_stockActionPerformed
```

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

```
}//GEN-LAST:event_stockActionPerformed
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nombreActionPerformed
```

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

```
}//GEN-LAST:event_nombreActionPerformed
```

```
private void idproveedorActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_idproveedorActionPerformed
```



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

```
}//GEN-LAST:event_idproveedorActionPerformed
```

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

```
private javax.swing.JTextField idproveedor;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel6;
```

```
private javax.swing.JLabel jLabel7;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JTextField nombre;
```

```
private javax.swing.JTextField stock;
```

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

```
}
```

Ventana Inventarios – Modificar Ingrediente

```
package Interfaces;
```

```
import Funciones.BasededatosManager;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.util.logging.Level;
```

Misael Hernández Villarreal 12041143

Mauricio Alejandro Martínez Pacheco 12041156



```
import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class ModificarIngrediente extends javax.swing.JFrame {

    BasededatosManager bd=new BasededatosManager();

    int idingrediente;

    public ModificarIngrediente(int idingrediente) {

        initComponents();

        this.idingrediente=idingrediente;

    }

    @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();

        jLabel3 = new javax.swing.JLabel();

        nombre = new javax.swing.JTextField();

        stock = new javax.swing.JTextField();

        jLabel6 = new javax.swing.JLabel();

        jButton1 = new javax.swing.JButton();

        jButton2 = new javax.swing.JButton();

        jButton3 = new javax.swing.JButton();

    }

}
```



```
jLabel7 = new javax.swing.JLabel();

idproveedor = new javax.swing.JTextField();


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


jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
jLabel1.setText("Modificar datos de ingrediente");


jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
jLabel3.setText("Nombre:");


nombre.setBackground(new java.awt.Color(255, 204, 0));
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
nombre.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nombreActionPerformed(evt);
    }
});


stock.setBackground(new java.awt.Color(255, 204, 0));

stock.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N
```



```
stock.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        stockActionPerformed(evt);  
    }  
});  
  
jLabel6.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N  
jLabel6.setForeground(new java.awt.Color(255, 204, 0));  
jLabel6.setText("Stock:");  
  
jButton1.setBackground(new java.awt.Color(255, 204, 0));  
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton1.setText("Aceptar");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
jButton2.setBackground(new java.awt.Color(255, 204, 0));  
jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton2.setText("Cancelar");  
jButton2.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    jButton2ActionPerformed(evt);  
}  
});  
  
jButton3.setBackground(new java.awt.Color(255, 204, 0));  
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton3.setText("Autollenar Campos");  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton3ActionPerformed(evt);  
    }  
});  
  
jLabel7.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N  
jLabel7.setForeground(new java.awt.Color(255, 204, 0));  
jLabel7.setText("ID Proveedor:");  
  
idproveedor.setBackground(new java.awt.Color(255, 204, 0));  
idproveedor.setFont(new java.awt.Font("Comic Sans MS", 1, 18)); // NOI18N  
idproveedor.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        idproveedorActionPerformed(evt);  
    }  
});
```


$$\});$$

Misael Hernández Villarreal 12041143
Mauricio Alejandro Martínez Pacheco 12041156



```
.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(61, 61, 61)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(45, 45, 45)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Gr
oupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(24, 24, 24)

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPl
acement.RELATED)

.addComponent(stock,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jLabel3)

.addGap(4, 4, 4)

.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))
```



```
.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jLabel7)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED)

.addComponent(idproveedor,
javax.swing.GroupLayout.PREFERRED_SIZE,          124,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel1))

.addGap(0, 38, Short.MAX_VALUE)))

.addContainerGap()

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(30, 30, 30)

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, 37, Short.MAX_VALUE)

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

.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE,          24,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(nombre,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
.addComponent(jLabel6,  
javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addComponent(stock, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
  
.addComponent(jLabel7,  
javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addComponent(idproveedor,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addGap(31, 31, 31)
```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

                                .addComponent(jButton2,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(jButton1,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(jButton3,
                                javax.swing.GroupLayout.PREFERRED_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)))
);
```

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

);

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>//GEN-END:initComponents

private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nombreActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event_nombreActionPerformed

private void stockActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_stockActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event_stockActionPerformed

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed

// TODO add your handling code here:

bd.ejecutar("UPDATE ingredientes SET nombre='"+nombre.getText()+"',
stock='"+stock.getText()+"', idproveedor='"+idproveedor.getText()+"' where
idingredientes='"+idingrediente+"';");

JOptionPane.showMessageDialog(null, "Ingrediente ingresado en la base de
datos");

dispose();



```
}//GEN-LAST:event_jButton1ActionPerformed
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton3ActionPerformed
```

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

```
try{
```

```
    ResultSet cnombre=bd.consultar("Select nombre from ingredientes where  
idingredientes='"+idingrediente+"';");
```

```
    ResultSet cstock=bd.consultar("Select stock from ingredientes where  
idingredientes='"+idingrediente+"';");
```

```
    ResultSet cproveedor=bd.consultar("Select idproveedor from ingredientes  
where idingredientes='"+idingrediente+"';");
```

```
    while(cnombre.next()&&cstock.next()&&cproveedor.next()){
```

```
        nombre.setText(cnombre.getObject(1).toString());
```

```
        stock.setText(cstock.getObject(1).toString());
```

```
        idproveedor.setText(cproveedor.getObject(1).toString());
```

```
    }
```

```
    } catch (SQLException ex) {
```



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

```
    }
```

```
}//GEN-LAST:event_jButton3ActionPerformed
```

```
        private void idproveedorActionPerformed(java.awt.event.ActionEvent evt) {  
//GEN-FIRST:event_idproveedorActionPerformed
```

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

```
}//GEN-LAST:event_idproveedorActionPerformed
```

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

```
private javax.swing.JTextField idproveedor;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel6;
```

```
private javax.swing.JLabel jLabel7;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JTextField nombre;
```

```
private javax.swing.JTextField stock;
```



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

```
}
```

Ventana Inventarios – Proveedores

```
package Interfaces;
```

```
import Funciones.BasededatosManager;
```

```
import java.sql.ResultSet;
```

```
import javax.swing.JOptionPane;
```

```
public class Proveedores extends javax.swing.JInternalFrame {
```

```
    int idempleado;
```

```
    BasededatosManager bd=new BasededatosManager();
```

```
    public Proveedores(int idempleado) {
```

```
        initComponents();
```

```
        this.idempleado=idempleado;
```

```
        ResultSet consulta=bd.consultar("SELECT * FROM proveedores;");
```

```
        String[] nomcolumnas=new String[]{"ID","Nombre","Direccion","Telefono"};
```

```
        jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
    }
```

```
    @SuppressWarnings("unchecked")
```

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

```
        private void initComponents() {
```

```
            jPanel1 = new javax.swing.JPanel();
```




```
jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

txtbuscar = new javax.swing.JTextField();

jButton4 = new javax.swing.JButton();

jButton5 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();


setClosable(true);

setIconifiable(true);

setMaximizable(true);

setResizable(true);

setTitle("Chulo's Pizza: Gerente - Proveedores");

setToolTipText("");


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


jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null, null},
        {null, null, null, null},
    },
    new String [] {
        "ID", "Nombre", "Apellido", "Telefono"
    }
));
```



```
{null, null, null, null},

{null, null, null, null}

},

new String [] {

    "ID Proveedor", "Nombre", "Direccion", "Telefono"

}

));

jScrollPane1.setViewportViewView(jTable1);


jButton1.setBackground(new java.awt.Color(255, 204, 0));

jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Interfaces/buildings5.png"))); //
NOI18N

jButton1.setText("Agregar Proveedor");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

        jButton1ActionPerformed(evt);

    }

});


jButton2.setBackground(new java.awt.Color(255, 204, 0));

jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```



```
        jButton2.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/pencil41.png")));    //  
NOI18N
```

```
jButton2.setText("Editar Proveedor");  
  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});
```

```
jButton3.setBackground(new java.awt.Color(255, 204, 0));  
  
jButton3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
        jButton3.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/cross108.png")));    //  
NOI18N
```

```
jButton3.setText("Eliminar Proveedor");  
  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton3ActionPerformed(evt);  
    }  
});
```

```
txtbuscar.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
  
txtbuscar.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    txtbuscarActionPerformed(evt);  
}  
});
```

```
jButton4.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton4.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton4.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/magnifying47  
(1).png"))); // NOI18N
```

```
jButton4.setText("Buscar");
```

```
jButton4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton4ActionPerformed(evt);  
    }  
});
```

```
jButton5.setBackground(new java.awt.Color(255, 204, 0));
```

```
jButton5.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jButton5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/left224.png"))); //  
NOI18N
```

```
jButton5.setText("Regresar");
```

```
jButton5.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    jButton5ActionPerformed(evt);  
}  
});  
  
jButton6.setBackground(new java.awt.Color(255, 204, 0));  
jButton6.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton6.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Interfaces/refresh57.png"))); //  
NOI18N  
jButton6.setText("Actualizar");  
jButton6.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton6ActionPerformed(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()  
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jButton5, javax.swing.GroupLayout.DEFAULT_SIZE, 100, true)  
                .addComponent(jButton6, javax.swing.GroupLayout.DEFAULT_SIZE, 100, true)  
            )  
        )  
    );  
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addContainerGap()  
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jButton5, javax.swing.GroupLayout.DEFAULT_SIZE, 100, true)  
                .addComponent(jButton6, javax.swing.GroupLayout.DEFAULT_SIZE, 100, true)  
            )  
        )  
    );  
jPanel1.pack();  
jPanel1.setVisible(true);  
}
```



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

.addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.TRAILING)

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(101, 101, 101)

.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE,          373,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup())

.addGap(27, 27, 27)

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,          204,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,          211,
javax.swing.GroupLayout.PREFERRED_SIZE)))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)
```



```
.addComponent(jButton4,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(0, 19, Short.MAX_VALUE))

.addGroup(jPanel1Layout.createSequentialGroup())

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addComponent(jScrollPane1)

.addGroup(jPanel1Layout.createSequentialGroup())

.addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacem
ent.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))))

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
```



```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addGap(30, 30, 30)

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

.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(31, 31, 31)

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

.addComponent(jButton4)

.addComponent(txtbuscar,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(41, 41, 41)

.addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```




```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE  
LATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)
```

```
.addComponent(jButton5,  
javax.swing.GroupLayout.PREFERRED_SIZE, 36,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jButton6,  
javax.swing.GroupLayout.PREFERRED_SIZE, 36,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addContainerGap(15, Short.MAX_VALUE))  
);
```

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

```
getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
```

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

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

```
);
```

```
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>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed

// TODO add your handling code here:

AgregarProveedor ap = new AgregarProveedor();

Inventarios.ingreven.add(ap);

ap.toFront();

ap.show();

}//GEN-LAST:event_jButton1ActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed

// TODO add your handling code here:

try{

int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del proveedor que deseas modificar"));

ModificarProveedor mp = new ModificarProveedor(id);

Inventarios.ingreven.add(mp);

mp.toFront();



```
mp.show();

}catch(NumberFormatException e){

                                JOptionPane.showMessageDialog(null,"Ingresa un id
válido","ERROR",JOptionPane.ERROR_MESSAGE);

}

}

//GEN-LAST:event_jButton2ActionPerformed

private void txtbuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_txtbuscarActionPerformed

    // TODO add your handling code here:

}

//GEN-LAST:event_txtbuscarActionPerformed

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton5ActionPerformed

    // TODO add your handling code here:

}

//GEN-LAST:event_jButton5ActionPerformed

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton3ActionPerformed

    // TODO add your handling code here:

    try{

        int id=Integer.parseInt(JOptionPane.showInputDialog("Ingresa el ID del
proveedor que deseas eliminar"));

        bd.ejecutar("DELETE FROM proveedores WHERE idproveedor='"+id+"'");
```



```
JOptionPane.showMessageDialog(null, "El proveedor ha sido eliminado de  
la base de datos");
```

```
}catch(NumberFormatException e){
```

```
JOptionPane.showMessageDialog(null,"Ingresa un id  
válido","ERROR",JOptionPane.ERROR_MESSAGE);
```

```
}
```

```
//GEN-LAST:event_jButton3ActionPerformed
```

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton6ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM proveedores;");
```

```
String[]nomcolumnas=new String[]{"ID","Nombre","Direccion","Telefono"};
```

```
jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
//GEN-LAST:event_jButton6ActionPerformed
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton4ActionPerformed
```

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

```
ResultSet consulta=bd.consultar("SELECT * FROM proveedores where  
idproveedor="+txtbuscar.getText()+"");
```

```
String[]nomcolumnas=new String[]{"ID","Nombre","Direccion","Telefono"};
```

```
jTable1.setModel(bd.llenarTabla(4, nomcolumnas, consulta));
```

```
//GEN-LAST:event_jButton4ActionPerformed
```



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

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JPanel jPanel1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

private javax.swing.JTextField txtbuscar;

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

}
```

Ventana Inventarios – Agregar Proveedor

```
package Interfaces;

import Funciones.BasededatosManager;

import javax.swing.JOptionPane;

public class AgregarProveedor extends javax.swing.JInternalFrame {

    BasededatosManager bd=new BasededatosManager();

    public AgregarProveedor() {

        initComponents();
    }
}
```



```
}
```

```
@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();
```

```
    jLabel3 = new javax.swing.JLabel();
```

```
    nombre = new javax.swing.JTextField();
```

```
    jLabel4 = new javax.swing.JLabel();
```

```
    direccion = new javax.swing.JTextField();
```

```
    telefono = new javax.swing.JTextField();
```

```
    jLabel9 = new javax.swing.JLabel();
```

```
    jButton1 = new javax.swing.JButton();
```

```
    jButton2 = new javax.swing.JButton();
```

```
    setClosable(true);
```

```
    setIconifiable(true);
```

```
    setTitle("Chulo's Pizza: Agregar Proveedor");
```

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



```
jLabel1.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
```

```
jLabel1.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel1.setText("Datos de proveedor nuevo");
```

```
jLabel3.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
```

```
jLabel3.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel3.setText("Nombre(s):");
```

```
nombre.setBackground(new java.awt.Color(255, 204, 0));
```

```
nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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

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

```
        nombreActionPerformed(evt);
```

```
    }
```

```
});
```

```
jLabel4.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N
```

```
jLabel4.setForeground(new java.awt.Color(255, 204, 0));
```

```
jLabel4.setText("Dirección");
```

```
direccion.setBackground(new java.awt.Color(255, 204, 0));
```

```
direccion.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```

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



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    direccionActionPerformed(evt);  
}  
});  
  
telefono.setBackground(new java.awt.Color(255, 204, 0));  
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
telefono.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        telefonoActionPerformed(evt);  
    }  
});  
  
jLabel9.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel9.setForeground(new java.awt.Color(255, 204, 0));  
jLabel9.setText("Teléfono:");  
  
jButton1.setBackground(new java.awt.Color(255, 204, 0));  
jButton1.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton1.setText("Aceptar");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```




```
jButton2.setBackground(new java.awt.Color(255, 204, 0));

jButton2.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton2.setText("Cancelar");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

        jButton2ActionPerformed(evt);

    }

});
```

Misael Hernández Villarreal 12041143
Mauricio Alejandro Martínez Pacheco 12041156



```
.addGap(54, 54, 54)

.addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)

                                .addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,                326,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.TRAILING)

.addComponent(jLabel4)

.addComponent(jLabel9))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)

                                .addComponent(telefono,
javax.swing.GroupLayout.PREFERRED_SIZE,                136,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                .addComponent(direccion,
javax.swing.GroupLayout.PREFERRED_SIZE,                331,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
```



```
.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(79, 79, 79)

.addComponent(jLabel1)))

.addContainerGap(66, Short.MAX_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(25, 25, 25)

.addComponent(jLabel1)

.addGap(39, 39, 39)

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

.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(direccion,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

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

.addComponent(telefono,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(36, 36, 36)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
```



```
.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
  
.addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
  
.addGap(29, 29, 29))  
  
);  
  
        javax.swing.GroupLayout layout = new  
        javax.swing.GroupLayout(getContentPane());  
  
        getContentPane().setLayout(layout);  
  
        layout.setHorizontalGroup(  
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
        );  
  
        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> // GEN-END: initComponents
```



```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
//GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("INSERT INTO proveedores(nombre, direccion, telefono)
VALUES('"+nombre.getText()+"','"+direccion.getText()+"','"+telefono.getText()+"');");
```

```
JOptionPane.showMessageDialog(null, "Proveedor ingresado en la base de
datos");
```

```
dispose();
```

```
//GEN-LAST:event_jButton1ActionPerformed
```

```
private void telefonoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_telefonoActionPerformed
```

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

```
//GEN-LAST:event_telefonoActionPerformed
```

```
private void direccionActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_direccionActionPerformed
```

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



```
}//GEN-LAST:event_direccionActionPerformed
```

```
private void nombreActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_nombreActionPerformed
```

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

```
}//GEN-LAST:event_nombreActionPerformed
```

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

```
private javax.swing.JTextField direccion;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel9;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JTextField nombre;
```

```
private javax.swing.JTextField telefono;
```

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

```
}
```

Ventana Inventarios – Modificar Productos

```
package Interfaces;
```



```
import Funciones.BasededatosManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class ModificarProveedor extends javax.swing.JInternalFrame {

    BasededatosManager bd=new BasededatosManager();

    int idproveedor;

    public ModificarProveedor(int idproveedor) {

        initComponents();

        this.idproveedor=idproveedor;

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jPanel4 = new javax.swing.JPanel();

        jLabel17 = new javax.swing.JLabel();

        jLabel18 = new javax.swing.JLabel();

        nombre = new javax.swing.JTextField();

        jLabel19 = new javax.swing.JLabel();
```




```
direccion = new javax.swing.JTextField();

telefono = new javax.swing.JTextField();

jLabel20 = new javax.swing.JLabel();

jButton7 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jButton13 = new javax.swing.JButton();


setClosable(true);

setIconifiable(true);

setTitle("Chulo's Pizza: Modificar Proveedor");


jPanel4.setBackground(new java.awt.Color(204, 0, 0));


jLabel17.setFont(new java.awt.Font("Comic Sans MS", 1, 28)); // NOI18N
jLabel17.setForeground(new java.awt.Color(255, 204, 0));
jLabel17.setText("Modificar datos de Proveedor");


jLabel18.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N
jLabel18.setForeground(new java.awt.Color(255, 204, 0));
jLabel18.setText("Nombre(s):");


nombre.setBackground(new java.awt.Color(255, 204, 0));

nombre.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N
```



```
nombre.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField2ActionPerformed(evt);  
    }  
});  
  
jLabel19.setFont(new java.awt.Font("Comic Sans MS", 3, 14)); // NOI18N  
jLabel19.setForeground(new java.awt.Color(255, 204, 0));  
jLabel19.setText("Dirección");  
  
direccion.setBackground(new java.awt.Color(255, 204, 0));  
direccion.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
direccion.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField4ActionPerformed(evt);  
    }  
});  
  
telefono.setBackground(new java.awt.Color(255, 204, 0));  
telefono.setFont(new java.awt.Font("Comic Sans MS", 1, 12)); // NOI18N  
telefono.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField7ActionPerformed(evt);  
    }  
});
```



```
}  
  
});  
  
jLabel20.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jLabel20.setForeground(new java.awt.Color(255, 204, 0));  
jLabel20.setText("Teléfono:");  
  
jButton7.setBackground(new java.awt.Color(255, 204, 0));  
jButton7.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton7.setText("Aceptar");  
jButton7.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
jButton8.setBackground(new java.awt.Color(255, 204, 0));  
jButton8.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N  
jButton8.setText("Cancelar");  
jButton8.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});
```


$$\})$$

```
jButton13.setBackground(new java.awt.Color(255, 204, 0));

jButton13.setFont(new java.awt.Font("Comic Sans MS", 1, 14)); // NOI18N

jButton13.setText("Autollenar campos");

jButton13.addActionListener(new java.awt.event.ActionListener() {

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

        jButton13jButton1ActionPerformed(evt);

    }

});
```

```
        javax.swing.GroupLayout jPanel4Layout = new  
javax.swing.GroupLayout(jPanel4);  
  
    jPanel4.setLayout(jPanel4Layout);  
  
    jPanel4Layout.setHorizontalGroup(  
        jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel4Layout.createSequentialGroup()  
                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)  
                    .addGroup(jPanel4Layout.createSequentialGroup()  
                        .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLay  
out.Alignment.LEADING, false)  
                            .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLay  
out.Alignment.LEADING, true)  
                                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLay  
out.Alignment.LEADING, false)  
                                    .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLay  
out.Alignment.TRAILING,  
jPanel4Layout.createSequentialGroup()  
                    .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLay  
out.Alignment.TRAILING,  
jPanel4Layout.createSequentialGroup()
```



```
.addContainerGap()

.addComponent(jButton13)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton7,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)

.addComponent(jButton8,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel4Layout.createSequentialGroup())

.addGap(54, 54, 54)

.addComponent(jLabel18)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)

.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE, 326,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel4Layout.createSequentialGroup())

.addGap(59, 59, 59)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.TRAILING)

.addComponent(jLabel19)
```



```
.addComponent(jLabel20))

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

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupL
ayout.Alignment.LEADING)

.addComponent(telefono,
javax.swing.GroupLayout.PREFERRED_SIZE, 136,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(direccion,
javax.swing.GroupLayout.PREFERRED_SIZE, 331,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel4Layout.createSequentialGroup())

.addGap(44, 44, 44)

.addComponent(jLabel17)))

.addContainerGap(29, Short.MAX_VALUE))

);

jPanel4Layout.setVerticalGroup(

jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

.addGroup(jPanel4Layout.createSequentialGroup())

.addGap(25, 25, 25)

.addComponent(jLabel17)

.addGap(18, 18, 18)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
```



```
.addComponent(jLabel18,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(nombre,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(direccion,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel19,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(telefono,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel20,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)

.addComponent(jButton7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton8, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton13, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(35, 35, 35))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

);

layout.setVerticalGroup(

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




```
.addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
);
```

```
pack();
```

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

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton2ActionPerformed
```

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

```
dispose();
```

```
}//GEN-LAST:event_jButton2ActionPerformed
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-  
FIRST:event_jButton1ActionPerformed
```

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

```
bd.ejecutar("UPDATE proveedores SET nombre='"+nombre.getText()+"",  
direccion='"+direccion.getText()+"", telefono='"+telefono.getText()+"' where  
idproveedor='"+idproveedor+"'");
```

```
JOptionPane.showMessageDialog(null, "Proveedor ingresado en la base de  
datos");
```

```
dispose();
```

```
}//GEN-LAST:event_jButton1ActionPerformed
```



```
private void jTextField7ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField7ActionPerformed
```

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

```
}//GEN-LAST:event_jTextField7ActionPerformed
```

```
private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField4ActionPerformed
```

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

```
}//GEN-LAST:event_jTextField4ActionPerformed
```

```
private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jTextField2ActionPerformed
```

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

```
}//GEN-LAST:event_jTextField2ActionPerformed
```

```
private void jButton13jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jButton13jButton1ActionPerformed
```

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

```
try{
```

```
    ResultSet cnombre=bd.consultar("Select nombre from proveedores where idproveedor='"+idproveedor+"';");
```

```
    ResultSet cdireccion=bd.consultar("Select direccion from proveedores where idproveedor='"+idproveedor+"';");
```



```
ResultSet ctelefono=bd.consultar("Select telefono from proveedores where  
idproveedor='"+idproveedor+"'");
```

```
while(cnombre.next()&&cdireccion.next()&&ctelefono.next()){
```

```
    nombre.setText(cnombre.getObject(1).toString());
```

```
    direccion.setText(cdireccion.getObject(1).toString());
```

```
    telefono.setText(ctelefono.getObject(1).toString());
```

```
}
```

```
} catch (SQLException ex) {
```

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

```
}
```

```
}//GEN-LAST:event_jButton13jButton1ActionPerformed
```

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

```
private javax.swing.JTextField direccion;
```

```
private javax.swing.JButton jButton13;
```

```
private javax.swing.JButton jButton7;
```

```
private javax.swing.JButton jButton8;
```

```
private javax.swing.JLabel jLabel17;
```

```
private javax.swing.JLabel jLabel18;
```

```
private javax.swing.JLabel jLabel19;
```

```
private javax.swing.JLabel jLabel20;
```



```
private javax.swing.JPanel jPanel4;  
  
private javax.swing.JTextField nombre;  
  
private javax.swing.JTextField telefono;  
  
// End of variables declaration//GEN-END:variables  
  
}
```

Código Aplicación Móvil

Para la aplicación móvil creamos dos funciones las cuales son las de un catalogo y aun adaptador para dicho catalogo.

Aplicación – Catálogo Pizzas

```
package com.nthings.chulospizza.util;  
  
import android.graphics.drawable.Drawable;  
  
public class CatalogoPizzas {  
    private String pizza;  
    private Drawable imagenPizza;  
    private String precio;  
  
    public CatalogoPizzas(String nombrepizza, Drawable drawablePizza, String  
precio){  
        this.pizza=nombrepizza;  
        this.imagenPizza=drawablePizza;  
        this.precio=precio;  
    }  
  
    public String getPizza(){  
        return pizza;  
    }  
  
    public void setPizza(String nombrepizza){  
        this.pizza=nombrepizza;  
    }  
  
    public Drawable getimagenPizza(){
```



```
        return imagenPizza;
    }
    public void setimagenPizza(Drawable drawablePizza){
        this.imagenPizza=drawablePizza;
    }
    public String getPrecio(){
        return precio;
    }
    public void setPrecio(String precio){
        this.precio=precio;
    }
}
```

Aplicación – Adaptador de catalogo

```
package com.nthings.chulospizza.util;
import java.util.ArrayList;
import com.nthings.chulospizza.R;
import com.nthings.chulospizza.R.id;
import com.nthings.chulospizza.R.layout;
import android.annotation.SuppressLint;
import android.content.Context;
import android.view.LayoutInflater;
import android.view.View;
import android.view.View.OnClickListener;
import android.view.ViewGroup;
import android.widget.BaseAdapter;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
```



```
public class CatalogoAdapter extends BaseAdapter {
    customButtonListener customListner;

    public interface customButtonListener {
        public void onClickListner(int position,String value);
    }
    public void setCustomButtonListner(customButtonListener listener) {
        this.customListner = listener;
    }
    private Context context;
    private ArrayList<CatalogoPizzas> datos;
    public CatalogoAdapter(Context contexto, ArrayList<CatalogoPizzas> datos)
    {
        this.context=contexto;
        this.datos=datos;
    }

    @SuppressWarnings("ViewHolder")
    @Override
    public View getView(final int position, View convertView, ViewGroup parent){
        //Inflamos una nueva vista, que será la que se mostrará en la celda
        del listview.

        //Para ello creamos el inflater e inflamos
        LayoutInflater inflater=LayoutInflater.from(context);
        View item=inflater.inflate(R.layout.catalogopizza, null);

        final CatalogoPizzas dato=datos.get(position);
        //A partir de la vista, recogemos los controles que contiene
        //Recogemos el ImageView y le asignamos una foto
        ImageView
        imagen=(ImageView)item.findViewById(R.id.imageView1);
```



```
imagen.setImageDrawable(dato.getImagenPizza());
```

nombre. // Recogemos el TextView para mostrar el nombre y establecemos el nombre.

```
TextView nombre = (TextView) item.findViewById(R.id.textView1);  
nombre.setText(dato.getPizza());
```

```
TextView precio=(TextView) item.findViewById(R.id.textView2);  
precio.setText(dato.getPrecio());
```

```
Button ingredientes=(Button) item.findViewById(R.id.pagar);  
final String temp = getItem(position).toString();  
ingredientes.setOnClickListener(new OnClickListener() {
```

```
@Override  
public void onClick(View v) {  
    if (customListner != null) {  
        customListner.onButtonClickListner(position,temp);  
    }  
}  
});
```

```
return item;  
}  
@Override  
public int getCount() {  
    // TODO Auto-generated method stub  
    return datos.size();  
}  
@Override
```



```
public Object getItem(int position) {  
    // TODO Auto-generated method stub  
    return datos.get(position);  
}  
  
@Override  
public long getItemId(int position) {  
    // TODO Auto-generated method stub  
    return 0;  
}  
}
```

Aplicación – Pantalla Principal

```
package com.nthings.chulospizza;  
  
import com.google.android.gms.maps.CameraUpdateFactory;  
import com.google.android.gms.maps.GoogleMap;  
import com.google.android.gms.maps.MapFragment;  
import com.google.android.gms.maps.model.LatLng;  
import android.app.Activity;  
import android.app.AlertDialog;  
import android.app.ProgressDialog;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.content.pm.ActivityInfo;  
import android.location.Address;  
import android.location.Criteria;  
import android.location.Geocoder;  
import android.location.Location;  
import android.location.LocationListener;  
import android.location.LocationManager;  
import android.os.AsyncTask;
```




```
import android.os.Bundle;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.List;
import java.util.Locale;
```

```
public class Principal extends Activity implements LocationListener {
    GoogleMap mMap;
    double latitud, longitud;
    String nombre=" ";
    int idcliente = 0;
    String direccion;
    int progress=0;
    ProgressDialog dialogo;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_principal);

        setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);
    }
}
```



```
        setUpMapIfNeeded();

        Button boton=(Button)findViewById(R.id.pagar);
        boton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                //Codigo para obtener la ubicacion
                //Abrir la actividad para elegir pizzas
                LayoutInflater li = LayoutInflater.from(Principal.this);
                final View prompt = li.inflate(R.layout.dialogo1, null);
                AlertDialog.Builder Dialogo = new AlertDialog.Builder(Principal.this);
                Dialogo.setView(prompt);
                Dialogo
                    .setTitle("¿A Que Nombre Hacemos El Pedido?")
                    .setCancelable(false)
                    .setNegativeButton("Cancelar", new
DialogInterface.OnClickListener() {
                        @Override
                        public void onClick(DialogInterface dialog, int which) {
                            // TODO Auto-generated method stub
                            dialog.cancel();
                        }
                    })
                    .setPositiveButton("Continuar", new
DialogInterface.OnClickListener() {
                        @Override
                        public void onClick(DialogInterface dialog, int which) {
                            // TODO Auto-generated method stub
                            nombre = ((EditText)
prompt.findViewById(R.id.editText)).getText().toString();
                            direccion = obtenerDireccionString(latitud, longitud);
                            if (nombre.equals("")) {
```



```
Toast.makeText(Principal.this, "Necesitamos tu
nombre", Toast.LENGTH_LONG).show();
        } else {
            Connect();
        }
    }
}
);
AlertDialog alerta = Dialogo.create();
alerta.show();
}
});
}
```

```
private String obtenerDireccionString(double LATITUDE, double LONGITUDE) {
    String strAdd = "";
    Geocoder geocoder = new Geocoder(this, Locale.getDefault());
    try {
        List<Address> addresses = geocoder.getFromLocation(LATITUDE,
LONGITUDE, 1);
        if (addresses != null) {
            Address returnedAddress = addresses.get(0);
            StringBuilder strReturnedAddress = new StringBuilder("");

            for (int i = 0; i < returnedAddress.getMaxAddressLineIndex(); i++) {
                strReturnedAddress.append(returnedAddress.getAddressLine(i)).appe
nd("\n");
            }
            strAdd = strReturnedAddress.toString();
            Log.w("Mi direccion", "" + strReturnedAddress.toString());
        } else {
```



```
        Log.w("Mi direccion", "No se recupero");
    }
} catch (Exception e) {
    e.printStackTrace();
    Log.w("Mi direccion", "no se puede obtener!");
}
return strAdd;
}

private void setUpMapIfNeeded() {
    // Configuramos el objeto GoogleMaps con valores iniciales.
    if (mMap == null) {
        //Instanciamos el objeto mMap a partir del MapFragment definido
        bajo el Id "map"
        mMap = ((MapFragment)
getFragmentManager().findFragmentById(R.id.map)).getMap();
        // Chequeamos si se ha obtenido correctamente una referencia al
        objeto GoogleMap
        if (mMap != null) {
            // El objeto GoogleMap ha sido referenciado correctamente
            //ahora podemos manipular sus propiedades

            //Seteamos el tipo de mapa
            mMap.setMapType(GoogleMap.MAP_TYPE_NORMAL);

            //Activamos la capa o layer MyLocation
            mMap.setMyLocationEnabled(true);

            // Getting LocationManager object from System Service
LOCATION_SERVICE
```



```
LocationManager locationManager = (LocationManager)
getSystemService(LOCATION_SERVICE);
```

```
// Creating a criteria object to retrieve provider
```

```
Criteria criteria = new Criteria();
```

```
// Getting the name of the best provider
```

```
String provider = locationManager.getBestProvider(criteria, true);
```

```
// Getting Current Location
```

```
Location location =
locationManager.getLastKnownLocation(provider);
```

```
if(location!=null){
```

```
    onLocationChanged(location);
```

```
}
```

```
locationManager.requestLocationUpdates(provider, 20000, 0, this);
```

```
}
```

```
}
```

```
}
```

```
@Override
```

```
public void onLocationChanged(Location location) {
```

```
// Getting latitude of the current location
```

```
latitud = location.getLatitude();
```

```
// Getting longitude of the current location
```

```
longitud= location.getLongitude();
```

```
// Creating a LatLng object for the current location
```



```
LatLng latLng = new LatLng(latitud, longitud);
```

```
// Showing the current location in Google Map
```

```
mMap.moveCamera(CameraUpdateFactory.newLatLng(latLng));
```

```
// Zoom in the Google Map
```

```
mMap.animateCamera(CameraUpdateFactory.zoomTo(15));
```

```
}
```

```
private class Connect extends AsyncTask<String, Void, String> {
```

```
    @Override
```

```
    protected String doInBackground(String... urls) {
```

```
        String response = "";
```

```
        try {
```

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

```
            Connection connection =
```

```
            DriverManager.getConnection("jdbc:mysql://nthings.me:3306/chulospizza", "chulo",  
            "chulospizza");
```

```
            Statement statement = connection.createStatement();
```

```
            Log.e("Insert", "VALUES('" + nombre + "','" + direccion + "','" +  
            latitud + "','" + longitud + "')");
```

```
            statement.execute("INSERT INTO clientes  
(nombre,direccion,latitud,longitud) VALUES('" + nombre + "','" + direccion + "','" +  
            latitud + "','" + longitud + "')");
```

```
            ResultSet consultapedido = statement.executeQuery("SELECT  
            AUTO_INCREMENT FROM information_schema.TABLES where  
            TABLE_SCHEMA='chulospizza' and TABLE_NAME='clientes'");
```

```
            while (consultapedido.next()) {
```

```
                idcliente = (consultapedido.getInt(1)) - 1;
```

```
                Log.e("Insert", "IDCLIENTE"+idcliente);
```

```
            }
```



```
        } catch (SQLException e) {  
            e.printStackTrace();  
        } catch (ClassNotFoundException e) {  
            e.printStackTrace();  
        }  
        return response;  
    }  
}
```

```
@Override  
protected void onPreExecute(){  
    super.onPreExecute();  
    progress=0;  
    dialogo.setProgress(progress);  
    dialogo.show();  
}
```

```
@Override  
protected void onPostExecute(String result) {  
    dialogo.dismiss();  
    Intent intencion = new Intent(Principal.this, PedirPizzas.class);  
    intencion.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);  
    intencion.putExtra("idcliente", idcliente);  
    startActivity(intencion);  
}  
}
```

```
public void Connect() {  
    dialogo=new ProgressDialog(Principal.this);
```



```
        dialogo.setProgressStyle(ProgressDialog.STYLE_SPINNER);
        dialogo.setMessage("Subiendo tus datos...");
        dialogo.setCancelable(false);
        dialogo.setMax(100);
        Connect task = new Connect();
        task.execute();

    }
}
```

Aplicación – Primera pantalla

```
package com.nthings.chulospizza;
import com.nthings.chulospizza.util.SystemUiHider;
import android.annotation.TargetApi;
import android.app.Activity;
import android.content.Intent;
import android.content.pm.ActivityInfo;
import android.database.sqlite.SQLiteDatabase;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.view.MotionEvent;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
public class PrimeraPantalla extends Activity {
    private static final boolean AUTO_HIDE = true;
    private static final int AUTO_HIDE_DELAY_MILLIS = 3000;
    private static final boolean TOGGLE_ON_CLICK = true;
```




```
private static final int HIDER_FLAGS =  
SystemUiHider.FLAG_HIDE_NAVIGATION;  
private SystemUiHider mSystemUiHider;
```

@Override

```
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);  
    //Implementación de dos lineas de código para quitar el encabezado y dar  
    una mejor vista  
    requestWindowFeature(Window.FEATURE_NO_TITLE);  
    this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,  
    WindowManager.LayoutParams.FLAG_FULLSCREEN);  
    setContentView(R.layout.activity_primera_pantalla);  
    Thread timer = new Thread() {  
        //El nuevo Thread exige el metodo run  
        public void run() {  
            try {  
                sleep(5000);  
            } catch (InterruptedException e) {  
                //Si no puedo ejecutar el sleep muestro el error  
                e.printStackTrace();  
            } finally {  
                Intent intencion = new Intent(PrimeraPantalla.this, Principal.class);  
                startActivity(intencion);  
            }  
        }  
    };  
    //ejecuto el thread  
    timer.start();  
}
```



```
}
```

Aplicación – Pantalla Pedir Pizza

```
package com.nthings.chulospizza;  
  
import java.math.BigDecimal;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
import java.util.ArrayList;  
import org.json.JSONException;  
import android.app.Activity;  
import android.app.AlertDialog;  
import android.app.ProgressDialog;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.content.pm.ActivityInfo;  
import android.graphics.drawable.Drawable;  
import android.os.AsyncTask;  
import android.os.Bundle;  
import android.util.Log;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.AdapterView.OnItemClickListener;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.ListAdapter;  
import android.widget.ListView;  
import android.widget.TextView;
```



```
import android.widget.Toast;
import com.nthings.chulospizza.util.CatalogoAdapter;
import com.nthings.chulospizza.util.CatalogoPizzas;
import com.nthings.chulospizza.util.PedidoPizzas;
import com.nthings.chulospizza.util.CatalogoAdapter.customButtonListener;
import com.paypal.android.sdk.payments.PayPalConfiguration;
import com.paypal.android.sdk.payments.PayPalPayment;
import com.paypal.android.sdk.payments.PayPalService;
import com.paypal.android.sdk.payments.PaymentActivity;
import com.paypal.android.sdk.payments.PaymentConfirmation;
import com.paypal.android.sdk.payments.ProofOfPayment;
```

```
public class PedirPizzas extends Activity implements customButtonListener{
    TextView numeropizzas;
    TextView pizzas;
    TextView total;
    ListView pedido;
    private ArrayList<CatalogoPizzas> catalogoarray;
    private ArrayList<String> pedidopizzas;
    private CatalogoAdapter adapter;
    private ArrayAdapter<String> adapterpedido;
    int contador=0;
    int contadorpizzas[];
    String [] precios;
    String[] ingredientes;
    boolean desborde=false;
    int idcliente=0;
    double totala=0;
    double ivaa=0;
```



```
double totalnetoa=0;
ListView catalogo;
ProgressDialog dialogo1;
ProgressDialog dialogo2;
int menu=0;
private static PayPalConfiguration config = new PayPalConfiguration()

    // Start with mock environment. When ready, switch to sandbox
    (ENVIRONMENT_SANDBOX)
    // or live (ENVIRONMENT_PRODUCTION)
    .environment(PayPalConfiguration.ENVIRONMENT_NO_NETWORK)

    .clientId("Aav46vMZipy3okz5SX8f7pc_M_YyJBBRk83mf20-
N74HEV89jYI7k9_r1Xzoz97B80UeISdHiXD5-PYy");
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_pedir_pizzas);

setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);
    Bundle bundle = getIntent().getExtras();
    this.idcliente=bundle.getInt("idcliente");
    //Declaracion de variables
    contador=0;
    Button menospizza=(Button) findViewById(R.id.menospizzas);
    Button maspizza=(Button) findViewById(R.id.maspizzas);
    total=(TextView)findViewById(R.id.total);
    numeropizzas=(TextView)findViewById(R.id.numeropizzas);
    pizzas=(TextView)findViewById(R.id.textView1);
```



```
//Acciones de los botones
maspizza.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
    //Aumenta en uno el numero de pizzas
    numeropizzas.setText(Integer.toString((Integer.parseInt(numeropizzas.ge
tText().toString()+1)));
    //Agregar una "s" a "Pizza" para que se distinga que ya está en plural
    pizzas.setText("Pizzas");

    reset();
}
});

menospizza.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
    if(numeropizzas.getText().toString().equals("1")){
        //No se puede decrementar mas el numero de pizzas
        Toast.makeText(getApplicationContext(), "¡No puedes pedir cero pizzas!",
Toast.LENGTH_LONG).show();
    }else{
        if(numeropizzas.getText().toString().equals("2")){
            //Condicion para quitarle la "s" a "Pizzas" ya que regresa a singular
            pizzas.setText("Pizza");
        }
        //Decrementa en uno el numero de pizzas
```



```
numeropizzas.setText(Integer.toString((Integer.parseInt(numeropizzas.getText().toString())-1)));
```

```
        reset();  
    }  
  
    }  
});
```

```
//Llenar listas
```

```
pedido=(ListView)findViewById(R.id.pedido);  
pedidopizzas=new ArrayList<String>();  
catalogo=(ListView)findViewById(R.id.pizzas);  
catalogoarray=new ArrayList<CatalogoPizzas>();  
Connect();
```

```
//Pagar
```

```
Button pagar=(Button)findViewById(R.id.pagar);  
pagar.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View view) {  
        /*Intent intencion = new Intent(PedirPizzas.this, Pagar.class);  
        intencion.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);  
        intencion.putExtra("total", total.getText().toString());  
        startActivity(intencion);*/  
        Intent intent = new Intent(view.getContext(), PaymentActivity.class);  
  
        intent.putExtra(PayPalService.EXTRA_PAYPAL_CONFIGURATION,  
config);
```



```
startService(intent);
onBuyPressed(view);
}
});
```

```
}
```

```
@Override
```

```
public void onDestroy() {
    stopService(new Intent(this, PayPalService.class));
    super.onDestroy();
}
```

```
public void onBuyPressed(View pressed) {
    PayPalPayment payment = new PayPalPayment(new
BigDecimal(Double.parseDouble(total.getText().toString()), "MXN", "Pizzas",
    PayPalPayment.PAYMENT_INTENT_SALE);
```

```
Intent intent = new Intent(this, PaymentActivity.class);
```

```
// send the same configuration for restart resiliency
```

```
intent.putExtra(PayPalService.EXTRA_PAYPAL_CONFIGURATION,
config);
```

```
intent.putExtra(PaymentActivity.EXTRA_PAYMENT, payment);
```

```
startActivityForResult(intent, 0);
```

```
}
```

```
@Override
```



```
protected void onActivityResult (int requestCode, int resultCode, Intent data)
{
    if (resultCode == Activity.RESULT_OK) {
        PaymentConfirmation confirm =
data.getParcelableExtra(PaymentActivity.EXTRA_RESULT_CONFIRMATION);
        if (confirm != null) {
            try {
                Log.i("paymentExample", confirm.toJSONString(4));
                ProofOfPayment proof=confirm.getProofOfPayment();
                if(proof.getState().equals("approved")){
                    Connect2();
                }else{
                    Toast.makeText(getBaseContext(), "¡ERROR EN PAGO!",
Toast.LENGTH_LONG).show();
                }
                // TODO: send 'confirm' to your server for verification.
                // see
https://developer.paypal.com/webapps/developer/docs/integration/mobile/verify-
mobile-payment/
                // for more details.
            } catch (JSONException e) {
                Log.e("paymentExample", "an extremely unlikely failure occurred:
", e);
            }
        }
    }
    else if (resultCode == Activity.RESULT_CANCELED) {
        Log.i("paymentExample", "The user canceled.");
    }
    else if (resultCode == PaymentActivity.RESULT_EXTRAS_INVALID) {
```




```
Log.i("paymentExample", "An invalid Payment or PayPalConfiguration  
was submitted. Please see the docs.");
```

```
    }  
}
```

```
private void reset(){  
    //Este metodo inicializa arreglos y regresa a cero los contadores  
    pedido.setAdapter(null);  
    for(int i=0; i<menu;i++){  
        contadorpizzas[i]=0;  
    }  
    pedidopizzas.clear();  
    desborde=false;  
    contador=0;  
    totala=0;  
    ivaa=0;  
    totalnetoa=0;  
    total.setText("-----");  
}
```

```
@Override
```

```
public void onClickListner(int position, String value) {  
    // Muestra los ingredientes de la pizza elegida  
    new AlertDialog.Builder(this)  
        .setTitle("Ingredientes")  
        .setMessage(ingredientes[position])  
        .setPositiveButton("Ok", new DialogInterface.OnClickListener() {  
            public void onClick(DialogInterface dialog, int which) {  
  
            }  
        })  
}
```



```
    }).show();
}

private class Connect extends AsyncTask<String, Void, String> {
    @Override
    protected String doInBackground(String... urls) {
        String response = "";
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection connection =
DriverManager.getConnection("jdbc:mysql://nthings.me:3306/chulospizza", "chulo",
"chulospizza");
            Statement statement = connection.createStatement();
            Statement statement2 = connection.createStatement();
            Statement statement3 = connection.createStatement();
            int j=0;
            ResultSet rs=statement.executeQuery("SELECT
precio,foto,nombre FROM pizzas;");
            ResultSet rs1=statement3.executeQuery("SELECT
COUNT(*) FROM pizzas");
            while(rs1.next()){
                menu=rs1.getInt(1);
            }
            contadorpizzas=new int[menu];
            precios=new String[menu];
            ingredientes=new String[menu];
            while (rs.next()) {
                precios[j] = rs.getString("precio");
                Drawable drw =
Drawable.createFromStream(rs.getBinaryStream("foto"), "articleImage");
                String nombrepiz = rs.getString("nombre");
```



```
catalogoarray.add(new
CatalogoPizzas(nombrepiz, drw, precios[j]));

ResultSet rs2 =
statement2.executeQuery("SELECT I.nombre FROM ingredientes I,combinaciones
C,pizzas P WHERE I.idingredientes=C.ingredientes_idingredientes AND
C.pizzas_idpizzas=P.idpizzas AND P.nombre='" + nombrepiz + "'");

while (rs2.next()) {
    ingredientes[j] = ingredientes[j] + "\n-" +
rs2.getString("nombre");
}
j++;
}

} catch (SQLException e) {
    e.printStackTrace();
} catch (ClassNotFoundException e) {
    e.printStackTrace();
}
return response;
}

@Override
protected void onPreExecute(){
    super.onPreExecute();
    dialogo1.show();
}

@Override
protected void onPostExecute(String result) {
    adapter=new
CatalogoAdapter(PedirPizzas.this,catalogoarray);
    adapter.setCustomButtonListner(PedirPizzas.this);
```



```
catalogo.setAdapter(adapter);
catalogo.setOnItemClickListener(new OnItemClickListener() {
    public void onItemClick(AdapterView<?> parent, View
view,
int position, long
id) {
    // Comparamos si no se quieren elegir mas
pizzas de las establecidas
    if(!desborde){
        //Aumentan los contadores
        contador=contador+1;

        contadorpizzas[position]=contadorpizzas[position]+1;
        //Se compara si aún podemos elegir pizzas
y en caso de que ya sea mayor se asigna desborde y se muestra el mensaje

        if(contador>Integer.parseInt(numeropizzas.getText().toString())){
            Toast.makeText(getApplicationContext(),
            "¡Ya elegiste tus "+numeropizzas.getText().toString()+" pizzas!",
            Toast.LENGTH_LONG).show();

            desborde=true;
        }else{
            //Se agrega la pizza elegida a la
lista
            TextView nombre = (TextView)
view.findViewById(R.id.textView1);

            pedidopizzas.add(nombre.getText().toString());

            String[]pedidoarray=pedidopizzas.toArray(new String[pedidopizzas.size()]);

            ArrayAdapter<String>
spinnerArrayAdapter = new ArrayAdapter<String>(PedirPizzas.this,
R.layout.pedido, pedidoarray);

            pedido.setAdapter(spinnerArrayAdapter);
```



Misael Hernández Villarreal 12041143
Mauricio Alejandro Martínez Pacheco 12041156



```
}  
}
```

```
public void Connect() {  
    dialogo1=new ProgressDialog(PedirPizzas.this);  
    dialogo1.setProgressStyle(ProgressDialog.STYLE_SPINNER);  
    dialogo1.setMessage("Cargando pizzas...");  
    dialogo1.setCancelable(false);  
    Connect task = new Connect();  
    task.execute();  
  
}
```

```
private class Connect2 extends AsyncTask<String, Void, String> {  
    @Override  
    protected String doInBackground(String... urls) {  
        String response = "";  
        try {  
            Class.forName("com.mysql.jdbc.Driver");  
            Connection connection =  
DriverManager.getConnection("jdbc:mysql://nthings.me:3306/chulospizza", "chulo",  
"chulospizza");  
            Statement statement = connection.createStatement();  
            Statement statement2 = connection.createStatement();  
            statement.execute("INSERT INTO  
pedidos(clientes_idclientes,cantidad,total,iva,totalneto)  
VALUES('"+idcliente+"','"+numeropizzas.getText().toString()  
+"','"+totala+"','"+ivaa+"','"+totalnetoa+"');");  
            ResultSet consultapedido =  
statement.executeQuery("SELECT AUTO_INCREMENT FROM  
information_schema.TABLES where TABLE_SCHEMA='chulospizza' and  
TABLE_NAME='pedidos';");
```



```
int idpedido=0;
while (consultapedido.next()) {
    idpedido = (consultapedido.getInt(1)) - 1;
}
for (int i = 0; i < pedidopizzas.size(); i++) {
    if(pedidopizzas.isEmpty()){
        Log.e("Insert", "PEDIDOARRAY VACIO");
    }else {
        ResultSet consultapizza =
statement.executeQuery("SELECT idpizzas FROM pizzas WHERE nombre=" +
pedidopizzas.get(i).toString() + ";"");
        Log.e("Insert", "ENTRO AL
SELECT"+pedidopizzas.get(i).toString());
        while (consultapizza.next()) {
            statement2.execute("INSERT INTO
detalleventas (`pizzas_idpizzas`,`pedidos_idpedidos`) VALUES (" +
consultapizza.getString("idpizzas") + "," + idpedido + ");");
            Log.e("Insert", "INSERT EN
DETALLEVENTAS");
        }
    }
}
} catch (SQLException e) {
    e.printStackTrace();
} catch (ClassNotFoundException e) {
    e.printStackTrace();
}
return response;
}

@Override
protected void onPreExecute(){
```



```
        super.onPreExecute();
        dialogo2.show();
    }

    @Override
    protected void onPostExecute(String result) {
        dialogo2.dismiss();
        Intent intencion = new Intent(PedirPizzas.this, Final.class);
        startActivity(intencion);
        PedirPizzas.this.finish();
    }
}

public void Connect2() {
    dialogo2=new ProgressDialog(PedirPizzas.this);
    dialogo2.setProgressStyle(ProgressDialog.STYLE_SPINNER);
    dialogo2.setMessage("Registrando tu pedido...");
    dialogo2.setCancelable(false);
    Connect2 task = new Connect2();
    task.execute();
}
}
```

Aplicación – Pantalla Final

```
package com.nthings.chulospizza;
import android.app.Activity;
import android.content.Context;
import android.content.Intent;
import android.content.pm.ActivityInfo;
import android.content.pm.PackageManager;
```




```
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageButton;

public class Final extends Activity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_final);

        setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);
        ImageButton facebook=(ImageButton)findViewById(R.id.facebook);
        facebook.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String facebookUrl = "https://www.facebook.com/pages/Chulos-
                Pizza/1628837510678597";
                try {
                    int versionCode =
                    getPackageManager().getPackageInfo("com.facebook.katana", 0).versionCode;
                    if (versionCode >= 3002850) {
                        Uri uri = Uri.parse("fb://facewebmodal/f?href=" + facebookUrl);
                        startActivity(new Intent(Intent.ACTION_VIEW, uri));
                    } else {
                        // open the Facebook app using the old method (fb://profile/id or
                        fb://page/id)
                        startActivity(new Intent(Intent.ACTION_VIEW,
                        Uri.parse("fb://page/1628837510678597")));
                    }
                }
            }
        });
    }
}
```



```
} catch (PackageManager.NameNotFoundException e) {  
    // Facebook is not installed. Open the browser  
    startActivity(new Intent(Intent.ACTION_VIEW,  
Uri.parse(facebookUrl)));  
}  
}  
});  
  
ImageButton jugar=(ImageButton)findViewById(R.id.jugar);  
jugar.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View view) {  
        Intent launchIntent =  
getPackageManager().getLaunchIntentForPackage("com.chulospizza.flappymeni")  
;  
        startActivity(launchIntent);  
    }  
});  
}
```

Base de Datos

```
CREATE DATABASE IF NOT EXISTS `chulospizza` DEFAULT CHARACTER SET  
utf8 COLLATE utf8_general_ci;
```

```
USE `chulospizza`;
```

```
DROP TABLE IF EXISTS `clientes`;
```

```
CREATE TABLE IF NOT EXISTS `clientes` (  
    `idclientes` int(11) NOT NULL AUTO_INCREMENT,  
    `nombre` varchar(45) DEFAULT NULL,  
    `direccion` varchar(500) DEFAULT NULL,  
    `telefono` varchar(45) DEFAULT NULL,
```



```
`latitud` double DEFAULT NULL,  
`longitud` double DEFAULT NULL,  
PRIMARY KEY (`idclientes`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=9 ;  
  
INSERT INTO `clientes` (`idclientes`, `nombre`, `direccion`, `telefono`, `latitud`,  
`longitud`) VALUES  
(1, 'Luis Fernando', 'Calle: Los Chikis 123 Colonia: Problema', '6181237643',  
24.0464625, -104.6397892),  
(2, 'Claudia Lopez', 'Calle: La Paz 123 Colonia: La Virgen', '6181456734',  
24.03274, -104.6936386),  
(3, 'Sonia Fernandez', 'Calle: La Luna 145 Colonia: Los Pinos', '6181567623',  
23.9897867, -104.6881458),  
(4, 'Jose Rodriguez', 'Calle: Francisco I. Madero 321 Colonia: Francisco Villa',  
'6181456723', 24.0049711, -104.6759708),  
(5, 'Beatriz Margarita', 'Calle: Diente de leon 203 Colonia: Jardines de Durango',  
'8128438', 24.0355957, -104.6654671),  
(6, 'Mauricio Martínez ', 'Diente de León 203\nJardines de Durango\n34200  
Durango, Dgo.\n', NULL, 24.04645944, -104.63987088),  
(7, 'Juan Olguin', '', NULL, 24.036066, -104.64531789),  
(8, 'Mauricio ', 'Jesús García 317\nLópez Mateos\n34210 Durango, Dgo.\n', NULL,  
24.03589793, -104.64522489);
```

```
DROP TABLE IF EXISTS `combinaciones`;  
CREATE TABLE IF NOT EXISTS `combinaciones` (  
  `idcombinaciones` int(11) NOT NULL AUTO_INCREMENT,  
  `ingredientes_idingredientes` int(11) NOT NULL,  
  `pizzas_idpizzas` int(11) NOT NULL,  
  PRIMARY KEY (`idcombinaciones`),  
  KEY `fk_combinaciones_ingredientes1_idx` (`ingredientes_idingredientes`),  
  KEY `fk_combinaciones_pizzas1_idx` (`pizzas_idpizzas`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=12 ;
```



```
DROP TABLE IF EXISTS `configuracion`;  
CREATE TABLE IF NOT EXISTS `configuracion` (  
  `logoempresa` longblob NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `detalleventas`;  
CREATE TABLE IF NOT EXISTS `detalleventas` (  
  `iddetalleventas` int(11) NOT NULL AUTO_INCREMENT,  
  `pizzas_idpizzas` int(11) NOT NULL,  
  `pedidos_idpedidos` int(11) NOT NULL,  
  PRIMARY KEY (`iddetalleventas`),  
  KEY `fk_detalleventas_pizzas1_idx` (`pizzas_idpizzas`),  
  KEY `fk_detalleventas_pedidos1_idx` (`pedidos_idpedidos`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=13 ;
```

```
DROP TABLE IF EXISTS `Empleados`;  
CREATE TABLE IF NOT EXISTS `Empleados` (  
  `idEmpleados` int(11) NOT NULL AUTO_INCREMENT,  
  `nombres` varchar(45) NOT NULL,  
  `apellidos` varchar(45) NOT NULL,  
  `calle` varchar(45) DEFAULT NULL,  
  `colonia` varchar(45) DEFAULT NULL,  
  `numero` varchar(45) DEFAULT NULL,  
  `telefono` varchar(45) DEFAULT NULL,  
  `email` varchar(45) DEFAULT NULL,  
  `usuario` varchar(45) NOT NULL,  
  `pass` varchar(45) NOT NULL,  
  `puestos_idpuestos` int(11) NOT NULL,
```



```
PRIMARY KEY (`idEmpleados`),  
KEY `fk_Empleados_puestos_idx` (`puestos_idpuestos`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=8 ;  
  
DROP TABLE IF EXISTS `ingredientes`;  
CREATE TABLE IF NOT EXISTS `ingredientes` (  
  `idingredientes` int(11) NOT NULL AUTO_INCREMENT,  
  `nombre` varchar(45) NOT NULL,  
  `stock` int(11) NOT NULL,  
  `idproveedor` int(11) DEFAULT NULL,  
  PRIMARY KEY (`idingredientes`),  
  KEY `idproveedor` (`idproveedor`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=11 ;  
  
DROP TABLE IF EXISTS `pedidos`;  
CREATE TABLE IF NOT EXISTS `pedidos` (  
  `idpedidos` int(11) NOT NULL AUTO_INCREMENT,  
  `Empleados_idEmpleados` int(11) DEFAULT NULL,  
  `clientes_idclientes` int(11) DEFAULT NULL,  
  `cantidad` int(11) DEFAULT NULL,  
  `total` double DEFAULT NULL,  
  `iva` double DEFAULT NULL,  
  `totalneto` double DEFAULT NULL,  
  `estado` int(11) DEFAULT '0',  
  `entregado` int(11) NOT NULL DEFAULT '0',  
  `ticket` longblob,  
  PRIMARY KEY (`idpedidos`),  
  KEY `fk_pedidos_Empleados1_idx` (`Empleados_idEmpleados`),  
  KEY `fk_pedidos_clientes1_idx` (`clientes_idclientes`)
```



```
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=7 ;
```

```
DROP TABLE IF EXISTS `pizzas`;
```

```
CREATE TABLE IF NOT EXISTS `pizzas` (  
  `idpizzas` int(11) NOT NULL AUTO_INCREMENT,  
  `nombre` varchar(45) DEFAULT NULL,  
  `precio` double DEFAULT NULL,  
  `foto` longblob,  
  PRIMARY KEY (`idpizzas`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=6 ;
```

```
DROP TABLE IF EXISTS `proveedores`;
```

```
CREATE TABLE IF NOT EXISTS `proveedores` (  
  `idproveedor` int(11) NOT NULL AUTO_INCREMENT,  
  `nombre` varchar(40) NOT NULL,  
  `direccion` varchar(40) NOT NULL,  
  `telefono` varchar(15) NOT NULL,  
  PRIMARY KEY (`idproveedor`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=104 ;
```

```
DROP TABLE IF EXISTS `puestos`;
```

```
CREATE TABLE IF NOT EXISTS `puestos` (  
  `idpuestos` int(11) NOT NULL AUTO_INCREMENT,  
  `puesto` varchar(45) NOT NULL,  
  PRIMARY KEY (`idpuestos`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=6 ;
```

```
ALTER TABLE `combinaciones`
```



```
ADD CONSTRAINT `fk_combinaciones_ingredientes1` FOREIGN KEY  
(`ingredientes_idingredientes`) REFERENCES `ingredientes` (`idingredientes`) ON  
DELETE NO ACTION ON UPDATE NO ACTION,
```

```
ADD CONSTRAINT `fk_combinaciones_pizzas1` FOREIGN KEY  
(`pizzas_idpizzas`) REFERENCES `pizzas` (`idpizzas`) ON DELETE NO ACTION  
ON UPDATE NO ACTION;
```

```
ALTER TABLE `detalleventas`
```

```
ADD CONSTRAINT `fk_detalleventas_pedidos1` FOREIGN KEY  
(`pedidos_idpedidos`) REFERENCES `pedidos` (`idpedidos`) ON DELETE NO  
ACTION ON UPDATE NO ACTION,
```

```
ADD CONSTRAINT `fk_detalleventas_pizzas1` FOREIGN KEY  
(`pizzas_idpizzas`) REFERENCES `pizzas` (`idpizzas`) ON DELETE NO ACTION  
ON UPDATE NO ACTION;
```

```
ALTER TABLE `Empleados`
```

```
ADD CONSTRAINT `fk_Empleados_puestos` FOREIGN KEY  
(`puestos_idpuestos`) REFERENCES `puestos` (`idpuestos`) ON DELETE NO  
ACTION ON UPDATE NO ACTION;
```

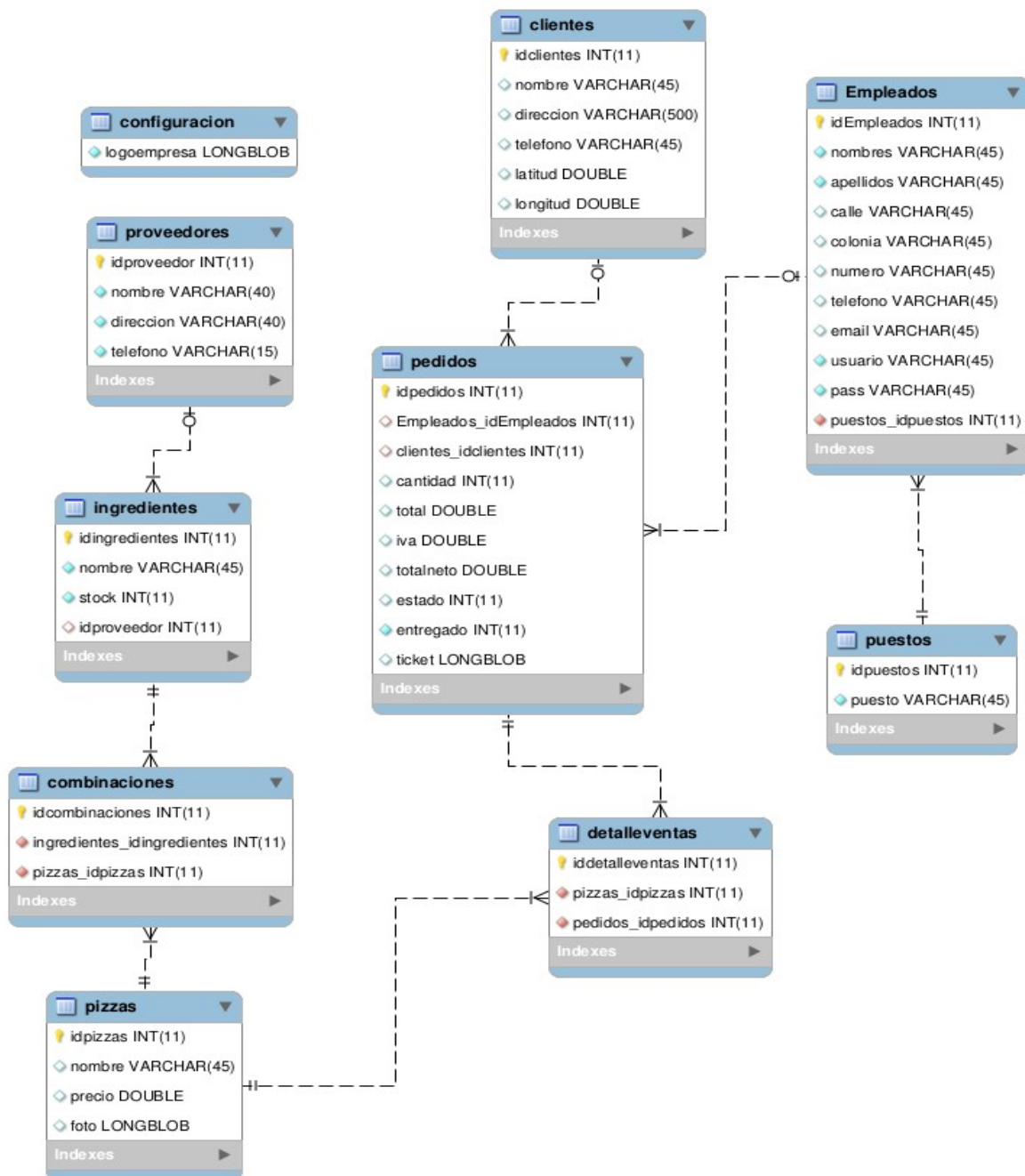
```
ALTER TABLE `ingredientes`
```

```
ADD CONSTRAINT `ingredientes_ibfk_1` FOREIGN KEY (`idproveedor`) REFERENCES  
`proveedores` (`idproveedor`);
```

```
ALTER TABLE `pedidos`
```

```
ADD CONSTRAINT `fk_pedidos_clientes1` FOREIGN KEY (`clientes_idclientes`) REFERENCES  
`clientes` (`idclientes`) ON DELETE NO ACTION ON UPDATE NO  
ACTION,
```

```
ADD CONSTRAINT `fk_pedidos_Empleados1` FOREIGN KEY  
(`Empleados_idEmpleados`) REFERENCES `Empleados` (`idEmpleados`) ON  
DELETE NO ACTION ON UPDATE NO ACTION;
```



Descripción de la Base de Datos

El diagrama Entidad-Relacion presentado anteriormente nos da una idea mas clara de la estructura de la base de datos y de las relaciones que esta tiene.

La primer tabla mostrada de configuración no muestra ninguna relación ya que en ella únicamente se guardara el logotipo de la empresa.



La tabla de ingredientes y proveedores muestran una relación por medio del id de proveedor ya que por medio de el podremos saber cual será el proveedor que nos vende cada ingrediente.

La tabla de ingredientes y combinaciones tienen relación por medio del id de ingrediente para conocer cual serán los ingredientes para cada combinación.

La relación entre las tablas de combinaciones y pizzas está dada para conocer de este modo cuales serán los ingredientes de cada pizza.

La relación entre pizzas con detalle ventas esta hecha para poder conocer cual fue la pizza o pizzas que fueron vendidas, ya sea para la realización de alguna factura o para conocer a que venta corresponden para su entrega.

La tabla de pedidos tiene tres relaciones a diferentes tablas las cuales son las de clientes para conocer a que cliente corresponde cada pedido, a la de detalle ventas para conocer de que trata cada pedido y a la de empleados para conocer cual fue el empleado que realizó la venta y cual será el que la entregue.

Por último la tabla de empleados y puestos tienen relación para poder conocer cual será el puesto de cada usuario y de esta forma asignarles de manera mas fácil sus respectivos usuarios y contraseñas para así poder ingresar al sistema.

RECOMENDACIONES

Cuando utilizamos cualquier software siempre hay que dar ciertas recomendaciones para que el usuario de este sistema deba tener un control más eficiente y funcional.

Siendo así que podemos tener un buen uso y el rendimiento del sistema aumentaría, para ello hacemos las siguientes recomendaciones:

- Las recomendaciones para este sistema serian que hay que realizar respaldo de información periódicamente
- El personal o usuario que le quiera hacer alguna modificación deberá de ser un usuario con experiencia en el lenguaje de programación Java para que no haga que falle.



- Tener un buen conocimiento en cuanto a los servidores para mantener un buen control sobre la base de datos.
- En caso de que se presenten demasiados problemas que no se puedan corregir hablar directamente con el desarrollador del sistema.
- Documentar todos los problemas que se presenten así como las soluciones a las que pudieron llegar.

GLOSARIO DE TÉRMINOS

Android: es un sistema operativo basado en el núcleo Linux. Fue diseñado principalmente para dispositivos móviles con pantalla táctil, como teléfonos inteligentes o tablets; y también para relojes inteligentes, televisores y automóviles.

Base de Datos: Una base de datos es una colección de información organizada de forma que un programa de ordenador pueda seleccionar rápidamente los fragmentos de datos que necesite.

Documentación: Ciencia del procesamiento de información, que proporciona un compendio de datos con un fin determinado, de ámbito multidisciplinar o interdisciplinar.

Entidad: es la representación de un objeto o concepto del mundo real que se describe en una base de datos.

Interfaz: esta noción sirve para señalar a la conexión que se da de manera física y a nivel de utilidad entre dispositivos o sistemas.

Java: Es un lenguaje de programación de propósito general, concurrente, orientado a objetos que fue diseñado específicamente para tener tan pocas dependencias de implementación como fuera posible.

JDK: Java Development Kit, se trata de un conjunto de herramientas (programas y librerías) que permiten desarrollar (compilar, ejecutar, generar documentación, etc.) programas en lenguaje Java.



Mantenimiento: Conjunto de acciones que tienen como objetivo mantener un artículo o restaurarlo a un estado de correcto funcionamiento.

Netbeans: Es un entorno de desarrollo integrado libre, hecho principalmente para el lenguaje de programación Java. Existe además un número importante de módulos para extenderlo.

Relacion: una relación o vínculo entre dos o más entidades describe alguna interacción entre las mismas.

Requerimientos: Petición de una cosa que se considera necesaria, especialmente el que hace una autoridad.

Sistema informático: Es un sistema que permite almacenar y procesar información; como todo sistema, es el conjunto de partes interrelacionadas: en este caso, hardware, software y personal informático.

XAMPP: XAMPP es un servidor independiente de plataforma, software libre, que consiste principalmente en la base de datos MySQL, el servidor web Apache y los intérpretes para lenguajes de script: PHP y Perl. El nombre proviene del acrónimo de X (para cualquiera de los diferentes sistemas operativos), Apache, MySQL, PHP, Perl.