

restaurant-system

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Chapter 1

Directory Hierarchy

1.1 Directories

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Chapter 2

Namespace Index

2.1 Namespace List

Here is a list of all namespaces with brief descriptions:

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<code>es.ull.esit.app.middleware</code>	19
<code>es.ull.esit.app.middleware.model</code>	19

Chapter 3

Hierarchical Index

3.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

es.ull.esit.app.middleware.ApiClient	56
es.ull.esit.app.middleware.model.Appetizer	70
es.ull.esit.app.middleware.model.Cashier	88
es.ull.esit.app.middleware.model.Drink	93
es.ull.esit.app.JavaApplication2	147
javax.swing.JFrame	
es.ull.esit.app.AdminLogin	21
es.ull.esit.app.Cashier	77
es.ull.esit.app.Frame1	100
es.ull.esit.app.Info	140
es.ull.esit.app.Login	148
es.ull.esit.app.adminProducts	30
es.ull.esit.app.middleware.model.MainCourse	158

Chapter 4

Class Index

4.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

es.ull.esit.app.AdminLogin	21
es.ull.esit.app.adminProducts	30
es.ull.esit.app.middleware.ApiClient	
ApiClient is a middleware class that handles HTTP requests to a RESTful API	56
es.ull.esit.app.middleware.model.Appetizer	
Appetizer model class	70
es.ull.esit.app.Cashier	77
es.ull.esit.app.middleware.model.Cashier	
Cashier model class	88
es.ull.esit.app.middleware.model.Drink	
Drink model class	93
es.ull.esit.app.Frame1	100
es.ull.esit.app.Info	140
es.ull.esit.app.JavaApplication2	147
es.ull.esit.app.Login	148
es.ull.esit.app.middleware.model.MainCourse	
MainCourse model class	158

Chapter 5

File Index

5.1 File List

Here is a list of all files with brief descriptions:

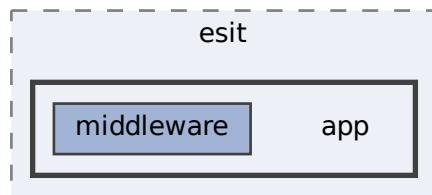
AdminLogin.java	Interfaz de administrador principal	165
adminProducts.java	Pantalla administrativa para gestionar productos y precios	168
Cashier.java	Interfaz de usuario para el cajero (Cashier)	179
middleware/model/Cashier.java		183
Frame1.java	Ventana principal del menú y gestión de recibos (UI de pedidos)	184
Info.java	Ventana "About us" que muestra la historia y la información del restaurante	201
JavaApplication2.java	Clase mínima para arrancar la aplicación (entry-point auxiliar)	203
Login.java	Interfaz gráfica para el inicio de sesión de usuarios	204
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Appetizer.java		211
Drink.java		212
MainCourse.java		213

Chapter 6

Directory Documentation

6.1 app Directory Reference

Directory dependency graph for app:



Directories

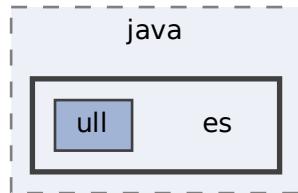
- directory [middleware](#)

Files

- file [AdminLogin.java](#)
Interfaz de administrador principal.
- file [adminProducts.java](#)
Pantalla administrativa para gestionar productos y precios.
- file [Cashier.java](#)
Interfaz de usuario para el cajero (Cashier).
- file [Frame1.java](#)
Ventana principal del menú y gestión de recibos (UI de pedidos).
- file [Info.java](#)
Ventana "About us" que muestra la historia y la información del restaurante.
- file [JavaApplication2.java](#)
Clase mínima para arrancar la aplicación (entry-point auxiliar).
- file [Login.java](#)
Interfaz gráfica para el inicio de sesión de usuarios.

6.2 es Directory Reference

Directory dependency graph for es:

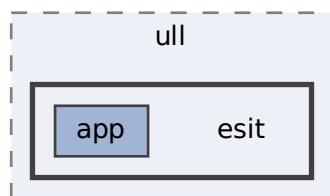


Directories

- directory [ull](#)

6.3 esit Directory Reference

Directory dependency graph for esit:

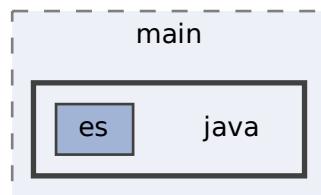


Directories

- directory [app](#)

6.4 java Directory Reference

Directory dependency graph for java:

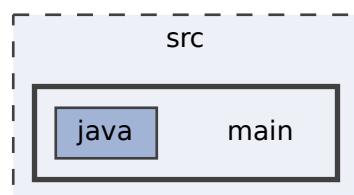


Directories

- directory [es](#)

6.5 main Directory Reference

Directory dependency graph for main:

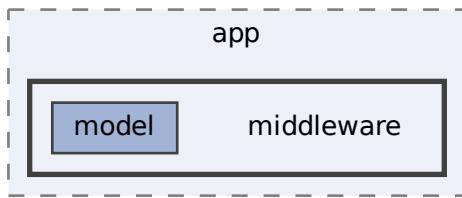


Directories

- directory [java](#)

6.6 middleware Directory Reference

Directory dependency graph for middleware:



Directories

- directory [model](#)

Files

- file [ApiClient.java](#)

6.7 model Directory Reference

Directory dependency graph for model:



Files

- file [Appetizer.java](#)
- file [Cashier.java](#)
- file [Drink.java](#)
- file [MainCourse.java](#)

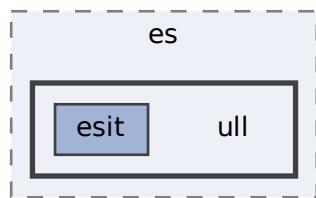
6.8 src Directory Reference

Directories

- directory [main](#)

6.9 ull Directory Reference

Directory dependency graph for ull:



Directories

- directory [esit](#)

Chapter 7

Namespace Documentation

7.1 Package es.ull.esit.app

Packages

- package [middleware](#)

Classes

- class [AdminLogin](#)
- class [adminProducts](#)
- class [Cashier](#)
- class [Frame1](#)
- class [Info](#)
- class [JavaApplication2](#)
- class [Login](#)

7.2 Package es.ull.esit.app.middleware

Packages

- package [model](#)

Classes

- class [ApiClient](#)

ApiClient is a middleware class that handles HTTP requests to a RESTful API.

7.3 Package es.ull.esit.app.middleware.model

Classes

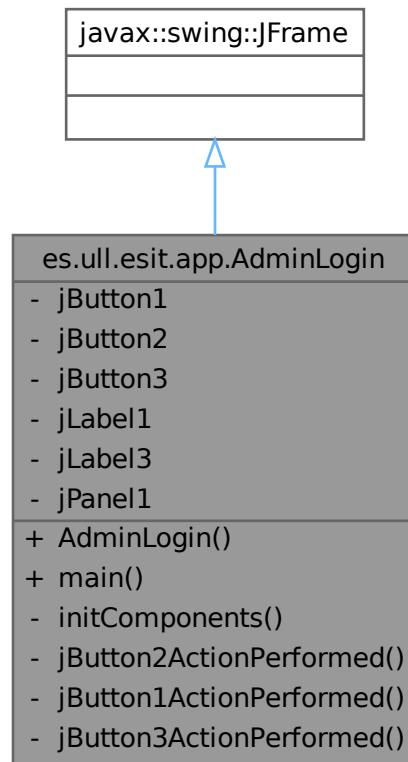
- class [Appetizer](#)
Appetizer model class.
- class [Cashier](#)
Cashier model class.
- class [Drink](#)
Drink model class.
- class [MainCourse](#)
MainCourse model class.

Chapter 8

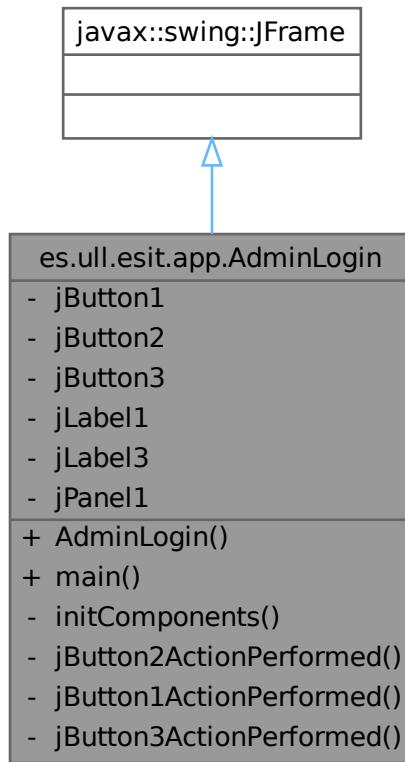
Class Documentation

8.1 es.ull.esit.app.AdminLogin Class Reference

Inheritance diagram for es.ull.esit.app.AdminLogin:



Collaboration diagram for es.ull.esit.app.AdminLogin:



Public Member Functions

- [AdminLogin \(\)](#)
Crea una nueva instancia de `AdminLogin` y prepara la UI.

Static Public Member Functions

- static void [main \(String args\[\]\)](#)
Punto de entrada para ejecutar esta ventana de forma independiente.

Private Member Functions

- void [initComponents \(\)](#)
This method is called from within the constructor to initialize the form.
- void [jButton2ActionPerformed \(java.awt.event.ActionEvent evt\)](#)
Acción al pulsar "Update Prices".
- void [jButton1ActionPerformed \(java.awt.event.ActionEvent evt\)](#)
Acción al pulsar "Menu".
- void [jButton3ActionPerformed \(java.awt.event.ActionEvent evt\)](#)
Acción al pulsar "LogOut".

Private Attributes

- javax.swing.JButton [jButton1](#)
Botón que abre la vista del menú.
- javax.swing.JButton [jButton2](#)
Botón para actualizar precios.
- javax.swing.JButton [jButton3](#)
Botón para cerrar sesión (LogOut).
- javax.swing.JLabel [jLabel1](#)
Imagen/logo mostrado en la ventana.
- javax.swing.JLabel [jLabel3](#)
Título/etiqueta de bienvenida.
- javax.swing.JPanel [jPanel1](#)
Panel contenedor principal.

8.1.1 Detailed Description

Definition at line 18 of file [AdminLogin.java](#).

8.1.2 Constructor & Destructor Documentation

8.1.2.1 AdminLogin()

```
es.ull.esit.app.AdminLogin AdminLogin () [inline]
```

Crea una nueva instancia de [AdminLogin](#) y prepara la UI.

Inicializa los componentes de la interfaz gráfica.

Definition at line 25 of file [AdminLogin.java](#).

```
00025          {  
00026      initComponents();  
00027  }
```

References [initComponents\(\)](#).

Referenced by [main\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.1.3 Member Function Documentation

8.1.3.1 initComponents()

```
void es.ull.esit.app.AdminLogin.initComponents () [inline], [private]
```

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. Acción al pulsar "Update Prices".

Parameters

evt	Evento de acción generado por el botón.
-----	---

Returns

```
void
```

Acción al pulsar "Menu".

Parameters

evt	Evento de acción generado por el botón.
-----	---

Returns

```
void
```

Acción al pulsar "LogOut".

Parameters

evt	Evento de acción generado por el botón.
-----	---

Returns

void

Definition at line 36 of file [AdminLogin.java](#).

```

00124         .addComponent(jLabel1)
00125         .addGap(29, 29, 29)
00126         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00127             javax.swing.GroupLayout.PREFERRED_SIZE)
00128         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00129             javax.swing.GroupLayout.PREFERRED_SIZE)
00130         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00131             javax.swing.GroupLayout.PREFERRED_SIZE)
00132     );
00133
00134     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00135     getContentPane().setLayout(layout);
00136     layout.setHorizontalGroup(
00137         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00138         .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
00139             javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00140     );
00141     layout.setVerticalGroup(
00142         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00143         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00144             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00145     );
00146     pack();
00147     setLocationRelativeTo(null);
00148 } // </editor-fold> //GEN-END: initComponents

```

References [initComponents\(\)](#), [jButton1](#), [jButton2](#), [jButton3](#), [jLabel1](#), [jLabel3](#), and [jPanel1](#).

Referenced by [AdminLogin\(\)](#), and [initComponents\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.1.3.2 jButton1ActionPerformed()

```

void es.ull.esit.app.AdminLogin.jButton1ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]

```

Acción al pulsar "Menú".

Abre la ventana principal del menú.

Parameters

<i>evt</i>	evento de acción del botón
------------	----------------------------

Definition at line 168 of file AdminLogin.java.

```
00168     { //GEN-FIRST:event_jButton1ActionPerformed
00169         new Frame1().setVisible(true);
00170     } //GEN-LAST:event_jButton1ActionPerformed
```

8.1.3.3 jButton2ActionPerformed()

```
void es.ull.esit.app.AdminLogin(jButton2ActionPerformed (
    java.awt.event.ActionEvent evt)  [inline], [private]
```

Acción al pulsar "Update Prices".

Abre la ventana de administración de productos para modificar precios.

Parameters

<i>evt</i>	evento de acción del botón
------------	----------------------------

Definition at line 156 of file AdminLogin.java.

```
00156     { //GEN-FIRST:event_jButton2ActionPerformed
00157         new adminProducts().setVisible(true);
00158     } //GEN-LAST:event_jButton2ActionPerformed
```

8.1.3.4 jButton3ActionPerformed()

```
void es.ull.esit.app.AdminLogin(jButton3ActionPerformed (
    java.awt.event.ActionEvent evt)  [inline], [private]
```

Acción al pulsar "LogOut".

Vuelve a la ventana de login.

Parameters

<i>evt</i>	evento de acción del botón
------------	----------------------------

Definition at line 180 of file AdminLogin.java.

```
00180     { //GEN-FIRST:event_jButton3ActionPerformed
00181         new Login().setVisible(true);
00182     } //GEN-LAST:event_jButton3ActionPerformed
```

8.1.3.5 main()

Generated by Doxygen

```
void es.ull.esit.app.AdminLogin.main (
    String args[] )  [inline], [static]
```

Parameters

<code>args</code>	argumentos de línea de comandos (no se usan)
-------------------	--

Definition at line 190 of file [AdminLogin.java](#).

```

00190         /* Set the Nimbus look and feel */
00191         //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00192         /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00193          * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00194          */
00195         /*
00196         try {
00197             for (javax.swing.UIManager.LookAndFeelInfo info :
00198                 javax.swing.UIManager.getInstalledLookAndFeels()) {
00199                 if ("Nimbus".equals(info.getName())) {
00200                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00201                     break;
00202                 }
00203             } catch (ClassNotFoundException ex) {
00204                 java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00205                         null, ex);
00206             } catch (InstantiationException ex) {
00207                 java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00208                         null, ex);
00209             } catch (IllegalAccessException ex) {
00210                 java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00211                         null, ex);
00212             //</editor-fold>
00213             /*
00214             * Create and display the form */
00215             java.awt.EventQueue.invokeLater(new Runnable() {
00216                 public void run() {
00217                     new AdminLogin().setVisible(true);
00218                 }
00219             });
00220         }

```

References [AdminLogin\(\)](#).

Here is the call graph for this function:



8.1.4 Member Data Documentation

8.1.4.1 jButton1

`javax.swing.JButton es.ull.esit.app.AdminLogin.jButton1 [private]`

Botón que abre la vista del menú.

Definition at line 224 of file [AdminLogin.java](#).

Referenced by [initComponents\(\)](#).

8.1.4.2 jButton2

```
javax.swing.JButton es.ull.esit.app.AdminLogin(jButton2 [private]
```

Botón para actualizar precios.

Definition at line 226 of file [AdminLogin.java](#).

Referenced by [initComponents\(\)](#).

8.1.4.3 jButton3

```
javax.swing.JButton es.ull.esit.app.AdminLogin(jButton3 [private]
```

Botón para cerrar sesión (LogOut).

Definition at line 228 of file [AdminLogin.java](#).

Referenced by [initComponents\(\)](#).

8.1.4.4 jLabel1

```
javax.swing.JLabel es.ull.esit.app.AdminLogin(jLabel1 [private]
```

Imagen/logo mostrado en la ventana.

Definition at line 230 of file [AdminLogin.java](#).

Referenced by [initComponents\(\)](#).

8.1.4.5 jLabel3

```
javax.swing.JLabel es.ull.esit.app.AdminLogin(jLabel3 [private]
```

Título/etiqueta de bienvenida.

Definition at line 232 of file [AdminLogin.java](#).

Referenced by [initComponents\(\)](#).

8.1.4.6 jPanel1

```
javax.swing.JPanel es.ull.esit.app.AdminLogin(jPanel1 [private]
```

Panel contenedor principal.

Definition at line 234 of file [AdminLogin.java](#).

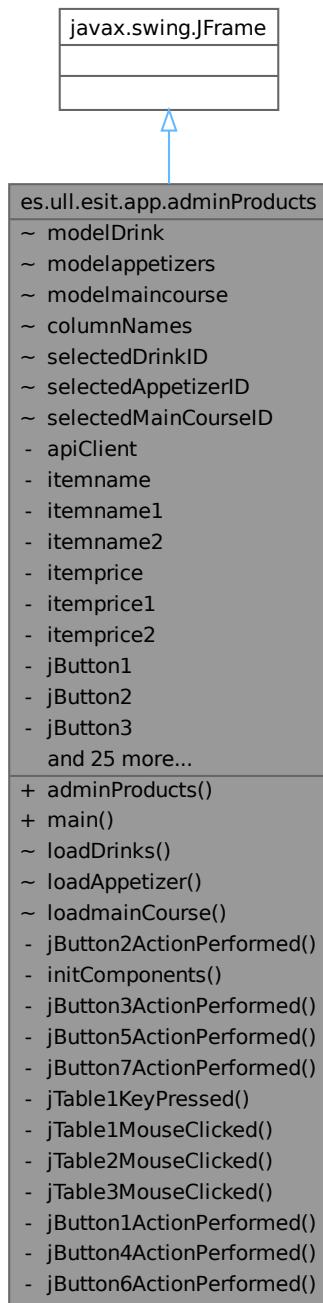
Referenced by [initComponents\(\)](#).

The documentation for this class was generated from the following file:

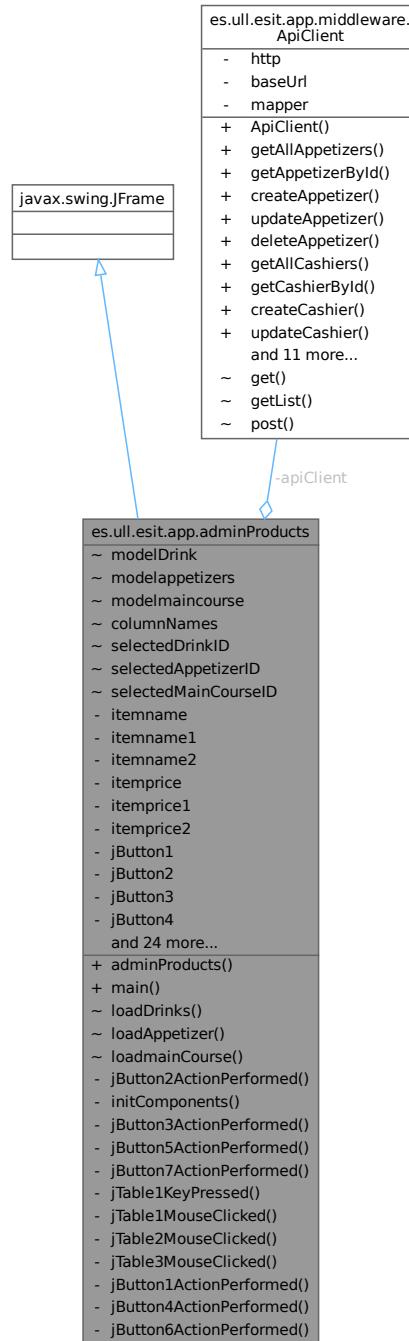
- [AdminLogin.java](#)

8.2 es.ull.esit.app.adminProducts Class Reference

Inheritance diagram for es.ull.esit.app.adminProducts:



Collaboration diagram for es.ull.esit.app.adminProducts:



Public Member Functions

- [adminProducts \(\)](#)
Creates new form `adminProducts`.

Static Public Member Functions

- [static void main \(String args\[\]\)](#)

Private Member Functions

- void `jButton2ActionPerformed` (java.awt.event.ActionEvent evt)
Manejador del botón "Add" (Drinks).
- void `initComponents` ()
This method is called from within the constructor to initialize the form.
- void `jButton3ActionPerformed` (java.awt.event.ActionEvent evt)
Manejador del botón "Add" (Drinks).
- void `jButton5ActionPerformed` (java.awt.event.ActionEvent evt)
Manejador del botón "Add" (Appetizers).
- void `jButton7ActionPerformed` (java.awt.event.ActionEvent evt)
Manejador del botón "Add" (MainCourse).
- void `jTable1KeyPressed` (java.awt.event.KeyEvent evt)
Manejador de teclas presionadas en la tabla de bebidas.
- void `jTable1MouseClicked` (java.awt.event.MouseEvent evt)
Manejador de clics en la tabla de bebidas.
- void `jTable2MouseClicked` (java.awt.event.MouseEvent evt)
Manejador de clics en la tabla de aperitivos.
- void `jTable3MouseClicked` (java.awt.event.MouseEvent evt)
Manejador de clics en la tabla de platos principales.
- void `jButton1ActionPerformed` (java.awt.event.ActionEvent evt)
Manejador del botón "Update" (Drinks).
- void `jButton4ActionPerformed` (java.awt.event.ActionEvent evt)
Manejador del botón "Update" (Appetizers).
- void `jButton6ActionPerformed` (java.awt.event.ActionEvent evt)
Manejador del botón "Update" (MainCourse).

Private Attributes

- `ApiClient apiClient`
Cliente HTTP para llamadas al backend.
- javax.swing.JTextField `itemname`
- javax.swing.JTextField `itemname1`
- javax.swing.JTextField `itemname2`
- javax.swing.JTextField `itemprice`
- javax.swing.JTextField `itemprice1`
- javax.swing.JTextField `itemprice2`
- javax.swing.JButton `jButton1`
- javax.swing.JButton `jButton2`
- javax.swing.JButton `jButton3`
- javax.swing.JButton `jButton4`
- javax.swing.JButton `jButton5`
- javax.swing.JButton `jButton6`
- javax.swing.JButton `jButton7`
- javax.swing.JLabel `jLabel1`
- javax.swing.JLabel `jLabel10`
- javax.swing.JLabel `jLabel2`
- javax.swing.JLabel `jLabel3`
- javax.swing.JLabel `jLabel4`
- javax.swing.JLabel `jLabel5`
- javax.swing.JLabel `jLabel6`
- javax.swing.JLabel `jLabel7`

- javax.swing.JLabel [jLabel8](#)
- javax.swing.JLabel [jLabel9](#)
- javax.swing.JPanel [jPanel1](#)
- javax.swing.JPanel [jPanel2](#)
- javax.swing.JPanel [jPanel3](#)
- javax.swing.JPanel [jPanel4](#)
- javax.swing.JScrollPane [jScrollPane1](#)
- javax.swing.JScrollPane [jScrollPane2](#)
- javax.swing.JScrollPane [jScrollPane3](#)
- javax.swing.JTabbedPane [jTabbedPane1](#)
- javax.swing.JTable [jTable1](#)
- javax.swing.JTable [jTable2](#)
- javax.swing.JTable [jTable3](#)

8.2.1 Detailed Description

Definition at line [23](#) of file [adminProducts.java](#).

8.2.2 Constructor & Destructor Documentation

8.2.2.1 adminProducts()

```
es.ull.esit.app.adminProducts.adminProducts () [inline]
```

Creates new form [adminProducts](#).

Definition at line [40](#) of file [adminProducts.java](#).

```
00040         {
00041             initComponents();
00042             apiClient = new ApiClient\("http://localhost:8080"\); // Backend URL
00043
00044             modelDrink = new DefaultTableModel\(\);
00045             modelDrink.setColumnIdentifiers(columnNames);
00046             modelAppetizers = new DefaultTableModel\(\);
00047             modelAppetizers.setColumnIdentifiers(columnNames);
00048             modelmaincourse = new DefaultTableModel\(\);
00049             modelmaincourse.setColumnIdentifiers(columnNames);
00050
00051             loadDrinks();
00052             loadAppetizer();
00053             loadmainCourse();
00054         }
```

References [apiClient](#), and [initComponents\(\)](#).

Referenced by [main\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.2.3 Member Function Documentation

8.2.3.1 initComponents()

```
void es.ull.esit.app.adminProducts.initComponents () [inline], [private]
```

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.
Manejador de clics en la tabla de bebidas.

Al hacer clic en una fila, se captura el ID de la bebida seleccionada para futuras operaciones de actualización.

Parameters

evt	Evento de ratón generado por el clic.
-----	---------------------------------------

Returns

void

Manejador de teclas presionadas en la tabla de bebidas.

Permite capturar el ID de la bebida seleccionada al navegar con el teclado.

Parameters

evt	Evento de tecla generado por la acción del usuario.
-----	---

Returns

void

Manejador del botón "Update" (Drinks).

Actualiza el precio de la bebida seleccionada en el backend utilizando [ApiClient](#). Refresca la tabla tras la actualización.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Manejador del botón "Add" (Drinks).

Crea un objeto [Drink](#) con los datos del formulario y lo envía al backend mediante [ApiClient](#). Tras crear el recurso refresca la tabla.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Manejador de clics en la tabla de aperitivos.

Al hacer clic en una fila, se captura el ID del aperitivo seleccionado para futuras operaciones de actualización.

Parameters

<code>evt</code>	Evento de ratón generado por el clic.
------------------	---------------------------------------

Returns

`void`

Manejador del botón "Update" (Appetizers).

Actualiza el precio del aperitivo seleccionado en el backend utilizando [ApiClient](#). Refresca la tabla tras la actualización.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Manejador del botón "Add" (Appetizers).

Crea un objeto [Appetizer](#) con los datos del formulario y lo envía al backend mediante [ApiClient](#). Tras crear el recurso refresca la tabla.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Manejador de clics en la tabla de platos principales.

Al hacer clic en una fila, se captura el ID del plato seleccionado para futuras operaciones de actualización.

Parameters

<code>evt</code>	Evento de ratón generado por el clic.
------------------	---------------------------------------

Returns`void`

Manejador del botón "Update" ([MainCourse](#)).

Actualiza el precio del plato seleccionado en el backend utilizando [ApiClient](#). Refresca la tabla tras la actualización.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Manejador del botón "Add" ([MainCourse](#)).

Crea un objeto [MainCourse](#) con los datos del formulario y lo envía al backend mediante [ApiClient](#). Tras crear el recurso refresca la tabla.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Manejador del botón "Go Back".

Cierra la ventana actual y abre la ventana de inicio de sesión de administrador.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Definition at line 146 of file [adminProducts.java](#).

```

00146
00147
00148     jPanell = new javax.swing.JPanel();
00149     jLabell1 = new javax.swing.JLabel();
00150     jTabbedPane1 = new javax.swing.JTabbedPane();
00151     jPanel12 = new javax.swing.JPanel();
00152     itemname = new javax.swing.JTextField();
00153     itemprice = new javax.swing.JTextField();
00154     jScrollPane1 = new javax.swing.JScrollPane();
00155     jTable1 = new javax.swing.JTable();
00156     jButton11 = new javax.swing.JButton();
00157     jButton2 = new javax.swing.JButton();
00158     jLabel12 = new javax.swing.JLabel();
00159     jLabel13 = new javax.swing.JLabel();
00160     jLabel14 = new javax.swing.JLabel();
00161     jPanel13 = new javax.swing.JPanel();
00162     jLabel15 = new javax.swing.JLabel();
00163     jLabel16 = new javax.swing.JLabel();
00164     jLabel17 = new javax.swing.JLabel();
00165     jScrollPane2 = new javax.swing.JScrollPane();
00166     jTable2 = new javax.swing.JTable();
00167     itemname1 = new javax.swing.JTextField();
00168     itemprice1 = new javax.swing.JTextField();
00169     jButton4 = new javax.swing.JButton();
00170     jButton5 = new javax.swing.JButton();

```

```

00171     jPanel14 = new javax.swing.JPanel();
00172     jLabel18 = new javax.swing.JLabel();
00173     jLabel19 = new javax.swing.JLabel();
00174     jLabel10 = new javax.swing.JLabel();
00175     jScrollPane3 = new javax.swing.JScrollPane();
00176     jTable3 = new javax.swing.JTable();
00177     itemname2 = new javax.swing.JTextField();
00178     itemprice2 = new javax.swing.JTextField();
00179     jButton6 = new javax.swing.JButton();
00180     jButton7 = new javax.swing.JButton();
00181     jButton3 = new javax.swing.JButton();

00182     setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00183     setTitle("Admin");
00184     setResizable(false);

00185     jPanel1.setBackground(new java.awt.Color(248, 244, 230));
00186
00187     jLabel11.setBackground(new java.awt.Color(255, 153, 0));
00188     jLabel11.setFont(new java.awt.Font("Yu Gothic UI", 1, 36)); // NOI18N
00189     jLabel11.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00190     jLabel11.setText("Items Prices Update Portal");
00191
00192     jTabbedPane1.setBackground(new java.awt.Color(248, 244, 230));
00193     jTabbedPane1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1,
00194     true));
00195     jTabbedPane1.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
00196     jTabbedPane1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00197
00198     jPanel12.setBackground(new java.awt.Color(248, 244, 230));
00199
00200     itemname.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00201     itemname.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00202     itemname.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00203     javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",
00204     javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
00205     Gothic UI", 0, 18))); // NOI18N
00206
00207     itemprice.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00208     itemprice.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00209     itemprice.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00210     javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Price",
00211     javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
00212     Gothic UI", 0, 18))); // NOI18N
00213
00214     jTable1.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00215     jTable1.setModel(new javax.swing.table.DefaultTableModel(
00216         new Object [][] {
00217             {},
00218             {},
00219             {},
00220             {}
00221         },
00222         new String [] {
00223             {}
00224         });
00225     jTable1.setInheritsPopupMenu(true);
00226     jTable1.getTableHeader().setResizingAllowed(false);
00227     jTable1.getTableHeader().setReorderingAllowed(false);
00228     jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
00229         public void mouseClicked(java.awt.event.MouseEvent evt) {
00230             jTable1MouseClicked(evt);
00231         }
00232     });
00233     jTable1.addKeyListener(new java.awt.event.KeyAdapter() {
00234         public void keyPressed(java.awt.event.KeyEvent evt) {
00235             jTable1KeyPressed(evt);
00236         }
00237     });
00238     jScrollPane1.setViewportView(jTable1);
00239
00240     jButton1.setBackground(new java.awt.Color(255, 255, 255));
00241     jButton1.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00242     jButton1.setText("Update");
00243     jButton1.addActionListener(new java.awt.event.ActionListener() {
00244         public void actionPerformed(java.awt.event.ActionEvent evt) {
00245             jButton1ActionPerformed(evt);
00246         }
00247     });
00248
00249     );
00250     jScrollPane1.setViewportView(jTable1);
00251
00252     jButton1.setBackground(new java.awt.Color(255, 255, 255));
00253     jButton1.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00254     jButton1.setText("Update");
00255     jButton1.addActionListener(new java.awt.event.ActionListener() {
00256         public void actionPerformed(java.awt.event.ActionEvent evt) {
00257             jButton1ActionPerformed(evt);
00258         }
00259     });
00260
00261     jButton2.setBackground(new java.awt.Color(255, 255, 255));
00262     jButton2.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00263     jButton2.setText("Add");
00264     jButton2.addActionListener(new java.awt.event.ActionListener() {
00265         public void actionPerformed(java.awt.event.ActionEvent evt) {
00266             jButton2ActionPerformed(evt);
00267         }
00268     });
00269
00270     );
00271     jButton2.setBackground(new java.awt.Color(255, 255, 255));
00272     jButton2.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00273     jButton2.setText("Add");
00274     jButton2.addActionListener(new java.awt.event.ActionListener() {
00275         public void actionPerformed(java.awt.event.ActionEvent evt) {
00276             jButton2ActionPerformed(evt);
00277         }
00278     });
00279
00280     );
00281
00282     );
00283

```

```

00284         }
00285     });
00286
00287     jLabel12.setBackground(new java.awt.Color(255, 153, 0));
00288     jLabel12.setFont(new java.awt.Font("Yu Gothic UI", 1, 25)); // NOI18N
00289     jLabel12.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00290     jLabel12.setText("Available Drinks");
00291
00292     jLabel13.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00293     jLabel13.setText("Enter new drink information carefully to add.");
00294
00295     jLabel14.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00296     jLabel14.setText("Please select the drink to update the price.");
00297
00298     javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
00299     jPanel2.setLayout(jPanel2Layout);
00300     jPanel2Layout.setHorizontalGroup(
00301         jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00302             .addGroup(jPanel2Layout.createSequentialGroup()
00303                 .addGap(27, Short.MAX_VALUE)
00304                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00305                     .addGroup(jPanel2Layout.createSequentialGroup()
00306                         .addGap(24, 24, 24)
00307                         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00308                             .addGroup(jPanel2Layout.createSequentialGroup()
00309                                 .addGap(91, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00310                                 .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 109, javax.swing.GroupLayout.PREFERRED_SIZE)
00311                                 .addGap(103, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00312                                 .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 8, javax.swing.GroupLayout.PREFERRED_SIZE)
00313                                 .addComponent(itemprice, javax.swing.GroupLayout.PREFERRED_SIZE, 311, javax.swing.GroupLayout.PREFERRED_SIZE)
00314                                 .addComponent(itemname, javax.swing.GroupLayout.PREFERRED_SIZE, Short.MAX_VALUE)
00315                                 .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00316                                 .addGap(586, javax.swing.GroupLayout.PREFERRED_SIZE, Short.MAX_VALUE)
00317                                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00318                                     .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 586, javax.swing.GroupLayout.PREFERRED_SIZE)
00319                                     .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 408, javax.swing.GroupLayout.PREFERRED_SIZE)
00320                                     .addGap(115, 115, 115)
00321                                     .addGroup(jPanel2Layout.createSequentialGroup()
00322                                         .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 1111, javax.swing.GroupLayout.PREFERRED_SIZE)
00323                                         .addGap(18, 18, 18)))
00324                               );
00325                               jPanel2Layout.setVerticalGroup(
00326                                   jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00327                                       .addGroup(jPanel2Layout.createSequentialGroup()
00328                                           .addGap(21, Short.MAX_VALUE)
00329                                           .addComponent(jLabel12)
00330                                           .addGap(59, javax.swing.GroupLayout.PREFERRED_SIZE, Short.MAX_VALUE)
00331                                           .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00332                                               .addComponent(jLabel13)
00333                                               .addComponent(jLabel14))
00334                                           .addGap(18, 18, 18)
00335                                           .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00336                                               .addGroup(jPanel2Layout.createSequentialGroup()
00337                                                   .addComponent(itemname, javax.swing.GroupLayout.PREFERRED_SIZE, 59, javax.swing.GroupLayout.PREFERRED_SIZE)
00338                                                   .addGap(59, javax.swing.GroupLayout.PREFERRED_SIZE, Short.MAX_VALUE)
00339                                                   .addComponent(itemprice, javax.swing.GroupLayout.PREFERRED_SIZE, 59, javax.swing.GroupLayout.PREFERRED_SIZE)
00340                                                   .addGap(37, 37, 37)
00341                                                   .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00342                                                       .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 42, javax.swing.GroupLayout.PREFERRED_SIZE)
00343                                                       .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42, javax.swing.GroupLayout.PREFERRED_SIZE))
00344                                                       .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 203, javax.swing.GroupLayout.PREFERRED_SIZE)
00345                                                       .addGap(48, 48, 48)))
00346                                         );
00347                                         jTabbedPane1.addTab("Drinks", jPanel2);
00348
00349

```

```

00350     jPanel3.setBackground(new java.awt.Color(248, 244, 230));
00351
00352     jLabel5.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00353     jLabel5.setText("Enter new appetizer information carefully to add.");
00354
00355     jLabel6.setBackground(new java.awt.Color(255, 153, 0));
00356     jLabel6.setFont(new java.awt.Font("Yu Gothic UI", 1, 25)); // NOI18N
00357     jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00358     jLabel6.setText("Available Appetizer");
00359
00360     jLabel7.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00361     jLabel7.setText("Please select the appetizer to update the price.");
00362
00363     jTable2.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00364     jTable2.setModel(new javax.swing.table.DefaultTableModel(
00365         new Object [][] {
00366             {},
00367             {},
00368             {},
00369             {}
00370         },
00371         new String [] {
00372             ""
00373         }
00374     ));
00375     jTable2.addMouseListener(new java.awt.event.MouseAdapter() {
00376         public void mouseClicked(java.awt.event.MouseEvent evt) {
00377             jTable2MouseClicked(evt);
00378         }
00379     });
00380     jScrollPane2.setViewportView(jTable2);
00381
00382     itemname1.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00383     itemname1.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00384     itemname1.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00385         javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",
00386         javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
00387         Gothic UI", 0, 18))); // NOI18N
00388
00389     itemprice1.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00390     itemprice1.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00391     itemprice1.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00392         javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Price",
00393         javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
00394         Gothic UI", 0, 18))); // NOI18N
00395
00396     jButton4.setBackground(new java.awt.Color(0, 51, 204));
00397     jButton4.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00398     jButton4.setText("Update");
00399     jButton4.addActionListener(new java.awt.event.ActionListener() {
00400         public void actionPerformed(java.awt.event.ActionEvent evt) {
00401             jButton4ActionPerformed(evt);
00402         }
00403     });
00404
00405     jButton5.setBackground(new java.awt.Color(0, 153, 0));
00406     jButton5.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00407     jButton5.setText("Add");
00408     jButton5.addActionListener(new java.awt.event.ActionListener() {
00409         public void actionPerformed(java.awt.event.ActionEvent evt) {
00410             jButton5ActionPerformed(evt);
00411         }
00412     });
00413
00414     javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
00415     jPanel3.setLayout(jPanel3Layout);
00416     jPanel3Layout.setHorizontalGroup(
00417         jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00418             .addGroup(jPanel3Layout.createSequentialGroup()
00419                 .addComponent(jButton5)
00420                 .addGap(18, 18, 18)
00421                 .addComponent(jButton4)
00422                 .addGap(18, 18, 18)
00423                 .addComponent(itemname1, javax.swing.GroupLayout.PREFERRED_SIZE, 270, javax.swing.GroupLayout.PREFERRED_SIZE)
00424                 .addGap(18, 18, 18)
00425                 .addComponent(itemprice1, javax.swing.GroupLayout.PREFERRED_SIZE, 270, javax.swing.GroupLayout.PREFERRED_SIZE)
00426                 .addGap(18, 18, 18)
00427                 .addComponent(jLabel5)
00428                 .addGap(18, 18, 18)
00429                 .addComponent(jLabel6)
00430                 .addGap(18, 18, 18)
00431                 .addComponent(jLabel7)
00432                 .addGap(18, 18, 18)
00433                 .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 450, javax.swing.GroupLayout.PREFERRED_SIZE)
00434             )
00435         jPanel3Layout.setVerticalGroup(
00436             jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00437                 .addGroup(jPanel3Layout.createSequentialGroup()
00438                     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00439                         .addComponent(jButton5)
00440                         .addComponent(jButton4)
00441                         .addComponent(itemname1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00442                         .addComponent(itemprice1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00443                         .addComponent(jLabel5)
00444                         .addComponent(jLabel6)
00445                         .addComponent(jLabel7)
00446                         .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
00447                     .addGap(18, 18, 18)
00448                     .addComponent(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00449                         .addComponent(jLabel5)
00450                         .addComponent(jLabel6)
00451                         .addComponent(jLabel7)
00452                         .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
00453                 )
00454             )
00455         )
00456     );
00457 
```

```

        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
00451             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
00452         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00453             .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00454                 .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
00455                     javax.swing.GroupLayout.PREFERRED_SIZE)
00456                     .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
00457                         javax.swing.GroupLayout.PREFERRED_SIZE)
00458                         .addGap(115, 115, 115))
00459             .addGroup(jPanel3Layout.createSequentialGroup()
00460                 .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 1111,
00461                     javax.swing.GroupLayout.PREFERRED_SIZE)
00462                         .addGap(18, 18, 18)))
00463     );
00464     jPanel3Layout.setVerticalGroup(
00465         jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00466             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00467                 jPanel3Layout.createSequentialGroup()
00468                     .addContainerGap()
00469                     .addComponent(jLabel6)
00470                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
00471                         Short.MAX_VALUE)
00472             .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00473                 .addComponent(jLabel5)
00474                 .addComponent(jLabel7))
00475                 .addGap(18, 18, 18)
00476             .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00477                 .addGroup(jPanel3Layout.createSequentialGroup()
00478                     .addComponent(itemname1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00479                         javax.swing.GroupLayout.PREFERRED_SIZE)
00480                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00481                         .addComponent(itemprice1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00482                             javax.swing.GroupLayout.PREFERRED_SIZE)
00483                             .addGap(37, 37, 37)
00484             .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00485                 .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00486                     javax.swing.GroupLayout.PREFERRED_SIZE)
00487                 .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00488                     javax.swing.GroupLayout.PREFERRED_SIZE)))
00489                 .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
00490                     javax.swing.GroupLayout.PREFERRED_SIZE)
00491                     .addGap(48, 48, 48))
00492     );
00493     jTabbedPane1.addTab("Appetizers", jPanel3);
00494
00495     jPanel4.setBackground(new java.awt.Color(248, 244, 230));
00496     jPanel4.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00497
00498     jLabel8.setBackground(new java.awt.Color(248, 244, 230));
00499     jLabel8.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00500     jLabel8.setText("Enter new item information carefully to add.");
00501
00502     jLabel9.setBackground(new java.awt.Color(255, 153, 0));
00503     jLabel9.setFont(new java.awt.Font("Yu Gothic UI", 1, 25)); // NOI18N
00504     jLabel9.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00505     jLabel9.setText("Available MainCourse");
00506
00507     jLabel10.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00508     jLabel10.setText("Please select the item to update the price.");
00509
00510     jTable3.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00511     jTable3.setModel(new javax.swing.table.DefaultTableModel(
00512         new Object [][] {
00513             {},
00514             {},
00515             {},
00516             {}
00517         },
00518         new String [] {
00519             ""
00520         }));
00521     jTable3.addMouseListener(new java.awt.event.MouseAdapter() {
00522         public void mouseClicked(java.awt.event.MouseEvent evt) {
00523             jTable3MouseClicked(evt);
00524         }
00525     });
00526     jScrollPane3.setViewportView(jTable3);
00527
00528     itemname2.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00529     itemname2.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00530     itemname2.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00531         javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",

```



```

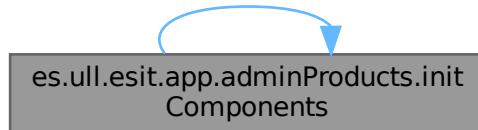
00612                     .addGap(37, 37, 37)
00613
00614     .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00615         .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00616             javax.swing.GroupLayout.PREFERRED_SIZE))
00617         .addComponent(jButton7, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00618             javax.swing.GroupLayout.PREFERRED_SIZE)))
00619     .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
00620             javax.swing.GroupLayout.PREFERRED_SIZE))
00621     .addGap(48, 48, 48))
00622
00623     jTabbedPane1.addTab("MainCourse", jPanel4);
00624
00625     jButton3.setBackground(new java.awt.Color(255, 255, 255));
00626     jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00627     jButton3.setText("Go Back");
00628     jButton3.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));
00629     jButton3.addActionListener(new java.awt.event.ActionListener() {
00630         public void actionPerformed(java.awt.event.ActionEvent evt) {
00631             jButton3ActionPerformed(evt);
00632         }
00633     });
00634
00635     javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00636     jPanel1.setLayout(jPanel1Layout);
00637     jPanel1Layout.setHorizontalGroup(
00638         jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00639             .addGroup(jPanel1Layout.createSequentialGroup()
00640                 .addGap(25, 25, 25)
00641                 .addGroup(jPanel1Layout.createSequentialGroup()
00642                     .addGroup(jPanel1Layout.createSequentialGroup()
00643                         .addGroup(jPanel1Layout.createSequentialGroup()
00644                             .addGap(25, 25, 25)
00645                             .addGroup(jPanel1Layout.createSequentialGroup()
00646                                 .addGroup(jPanel1Layout.createSequentialGroup()
00647                                     .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
00648                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00649                                         .addGap(218, 218, 218))
00650                                         .addGroup(jPanel1Layout.createSequentialGroup()
00651                                             .addGap(218, 218, 218)
00652                                             .addGroup(jPanel1Layout.createSequentialGroup()
00653                                                 .addGap(29, Short.MAX_VALUE)
00654                                                 .addGroup(jPanel1Layout.createSequentialGroup()
00655                                                     .addGap(29, Short.MAX_VALUE)
00656                                                     .addGroup(jPanel1Layout.createSequentialGroup()
00657                                                         .addGap(29, Short.MAX_VALUE)
00658                                                         .addGroup(jPanel1Layout.createSequentialGroup()
00659                 .addGap(29, Short.MAX_VALUE)
00660                 .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
00661                     javax.swing.GroupLayout.PREFERRED_SIZE)
00662                 .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
00663                     javax.swing.GroupLayout.PREFERRED_SIZE))
00664                 .addGap(29, 29, 29))
00665             );
00666
00667             javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00668             getContentPane().setLayout(layout);
00669             layout.setHorizontalGroup(
00670                 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00671                     .addGroup(layout.createSequentialGroup()
00672                         .addGap(29, Short.MAX_VALUE)
00673                         .addGroup(layout.createSequentialGroup()
00674                             .addGap(29, Short.MAX_VALUE)
00675                             .addGroup(layout.createSequentialGroup()
00676                                 .addGap(29, Short.MAX_VALUE)
00677                                 .addGroup(layout.createSequentialGroup()
00678                                     .addGap(29, Short.MAX_VALUE)
00679                                     .addGroup(layout.createSequentialGroup()
00680                                         .pack();
00681                                         setLocationRelativeTo(null);
00682                                     } // </editor-fold> //GEN-END:initComponents

```

References [initComponents\(\)](#), [itemname](#), [itemname1](#), [itemname2](#), [itemprice](#), [itemprice1](#), [itemprice2](#), [jButton1](#), [jButton2](#), [jButton3](#), [jButton4](#), [jButton5](#), [jButton6](#), [jButton7](#), [jLabel1](#), [jLabel10](#), [jLabel2](#), [jLabel3](#), [jLabel4](#), [jLabel5](#), [jLabel6](#), [jLabel7](#), [jLabel8](#), [jLabel9](#), [jPanel1](#), [jPanel2](#), [jPanel3](#), [jPanel4](#), [jScrollPane1](#), [jScrollPane2](#), [jScrollPane3](#), [jTabbedPane1](#), [jTable1](#), [jTable2](#), and [jTable3](#).

Referenced by [adminProducts\(\)](#), and [initComponents\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.2.3.2 jButton1ActionPerformed()

```
void es.ull.esit.app.adminProducts.jButton1ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Manejador del botón "Update" (Drinks).

Actualiza el precio de la bebida seleccionada en el backend utilizando [ApiClient](#). Refresca la tabla tras la actualización.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Definition at line 834 of file [adminProducts.java](#).

```
00834 //GEN-FIRST:event_jButton1ActionPerformed
00835     try {
00836         Drink updatedDrink = new Drink(selectedDrinkID, itemname.getText(),
00837             Integer.parseInt(itemprice.getText(), null));
00838         apiClient.updateDrink(selectedDrinkID, updatedDrink);
00839         JOptionPane.showMessageDialog(null, "Drink updated successfully.");
00840
00841         // Refresh table
00842         DefaultTableModel dtm = (DefaultTableModel) jTable1.getModel();
00843         dtm.setRowCount(0);
00844         loadDrinks();
00845     } catch (Exception ex) {
00846         JOptionPane.showMessageDialog(null, "Error updating drink: " + ex.getMessage());
00847     }
00848 //GEN-LAST:event_jButton1ActionPerformed
```

References [ApiClient](#), [itemname](#), [itemprice](#), and [jTable1](#).

8.2.3.3 jButton2ActionPerformed()

```
void es.ull.esit.app.adminProducts.jButton2ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Manejador del botón "Add" (Drinks).

Crea un objeto [Drink](#) con los datos del formulario y lo envía al backend mediante [ApiClient](#). Tras crear el recurso refresca la tabla.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Definition at line 123 of file [adminProducts.java](#).

```
00123             {
00124         try {
00125             Drink newDrink = new Drink(null, itemname.getText(),
00126                 Integer.parseInt(itemprice.getText()), null);
00127             apiClient.createDrink(newDrink);
00128             JOptionPane.showMessageDialog(null, "Drink Added Successfully.");
00129
00130             // Refresh table
00131             DefaultTableModel dtm = (DefaultTableModel) jTable1.getModel();
00132             dtm.setRowCount(0);
00133             loadDrinks();
00134         } catch (Exception ex) {
00135             JOptionPane.showMessageDialog(null, "Error adding drink: " + ex.getMessage());
00136         }
00137     }
```

References [apiClient](#), [itemname](#), [itemprice](#), and [jTable1](#).

8.2.3.4 jButton3ActionPerformed()

```
void es.ull.esit.app.adminProducts.jButton3ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Manejador del botón "Add" (Drinks).

Crea un objeto [Drink](#) con los datos del formulario y lo envía al backend mediante [ApiClient](#). Tras crear el recurso refresca la tabla.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Definition at line 692 of file [adminProducts.java](#).

```
00692     {//GEN-FIRST:event_jButton3ActionPerformed
00693     new AdminLogin().setVisible(true);
00694     }//GEN-LAST:event_jButton3ActionPerformed
```

8.2.3.5 jButton4ActionPerformed()

```
void es.ull.esit.app.adminProducts.jButton4ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Generated by Doxygen

Manejador del botón "Update" (Appetizers).

Actualiza el precio del aperitivo seleccionado en el backend utilizando [ApiClient](#). Refresca la tabla tras la actualización.

Parameters

evt	evento de acción
-----	------------------

Definition at line 858 of file [adminProducts.java](#).

```
00858     { //GEN-FIRST:event_jButton4ActionPerformed
00859         try {
00860             Appetizer updatedAppetizer = new Appetizer(selectedAppetizerID, itemname1.getText(),
00861                 Integer.parseInt(itemprice1.getText()), null);
00862             apiClient.updateAppetizer(selectedAppetizerID, updatedAppetizer);
00863             JOptionPane.showMessageDialog(null, "Appetizer updated successfully.");
00864
00865             // Refresh table
00866             DefaultTableModel dtm = (DefaultTableModel) jTable2.getModel();
00867             dtm.setRowCount(0);
00868             loadAppetizer();
00869         } catch (Exception ex) {
00870             JOptionPane.showMessageDialog(null, "Error updating appetizer: " + ex.getMessage());
00871         }
00872     } //GEN-LAST:event_jButton4ActionPerformed
```

References [apiClient](#), [itemname1](#), [itemprice1](#), and [jTable2](#).

8.2.3.6 jButton5ActionPerformed()

```
void es.ull.esit.app.adminProducts.jButton5ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Manejador del botón "Add" (Appetizers).

Crea un objeto [Appetizer](#) con los datos del formulario y lo envía al backend mediante [ApiClient](#). Tras crear el recurso refresca la tabla.

Parameters

evt	evento de acción
-----	------------------

Definition at line 705 of file [adminProducts.java](#).

```
00705     { //GEN-FIRST:event_jButton5ActionPerformed
00706         try {
00707             Appetizer newAppetizer = new Appetizer(null, itemname1.getText(),
00708                 Integer.parseInt(itemprice1.getText()), null);
00709             apiClient.createAppetizer(newAppetizer);
00710             JOptionPane.showMessageDialog(null, "Appetizer Added Successfully.");
00711
00712             // Refresh table
00713             DefaultTableModel dtm = (DefaultTableModel) jTable2.getModel();
00714             dtm.setRowCount(0);
00715             loadAppetizer();
00716         } catch (Exception ex) {
00717             JOptionPane.showMessageDialog(null, "Error adding appetizer: " + ex.getMessage());
00718         }
00719     } //GEN-LAST:event_jButton5ActionPerformed
```

References [apiClient](#), [itemname1](#), [itemprice1](#), and [jTable2](#).

8.2.3.7 jButton6ActionPerformed()

```
void es.ull.esit.app.adminProducts.jButton6ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Generated by Doxygen

Manejador del botón "Update" ([MainCourse](#)).

Actualiza el precio del plato seleccionado en el backend utilizando [ApiClient](#). Refresca la tabla tras la actualización.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Definition at line 882 of file [adminProducts.java](#).

```
00882     { //GEN-FIRST:event_jButton6ActionPerformed
00883         try {
00884             MainCourse updatedMainCourse = new MainCourse(selectedMainCourseID, itemname2.getText(),
00885                     Integer.parseInt(itemprice2.getText()), null);
00886             apiClient.updateMainCourse(selectedMainCourseID, updatedMainCourse);
00887             JOptionPane.showMessageDialog(null, "Main course updated successfully.");
00888
00889             // Refresh table
00890             DefaultTableModel dtm = (DefaultTableModel) jTable3.getModel();
00891             dtm.setRowCount(0);
00892             loadmainCourse();
00893         } catch (Exception ex) {
00894             JOptionPane.showMessageDialog(null, "Error updating main course: " + ex.getMessage());
00895         }
00896     } //GEN-LAST:event_jButton6ActionPerformed
```

References [apiClient](#), [itemname2](#), [itemprice2](#), and [jTable3](#).

8.2.3.8 jButton7ActionPerformed()

```
void es.ull.esit.app.adminProducts.jButton7ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Manejador del botón "Add" ([MainCourse](#)).

Crea un objeto [MainCourse](#) con los datos del formulario y lo envía al backend mediante [ApiClient](#). Tras crear el recurso refresca la tabla.

Parameters

<code>evt</code>	evento de acción
------------------	------------------

Definition at line 729 of file [adminProducts.java](#).

```
00729     { //GEN-FIRST:event_jButton7ActionPerformed
00730         try {
00731             MainCourse newMainCourse = new MainCourse(null, itemname2.getText(),
00732                     Integer.parseInt(itemprice2.getText()), null);
00733             apiClient.createMainCourse(newMainCourse);
00734             JOptionPane.showMessageDialog(null, "Main Course Added Successfully.");
00735
00736             // Refresh table
00737             DefaultTableModel dtm = (DefaultTableModel) jTable3.getModel();
00738             dtm.setRowCount(0);
00739             loadmainCourse();
00740         } catch (Exception ex) {
00741             JOptionPane.showMessageDialog(null, "Error adding main course: " + ex.getMessage());
00742         }
00743     } //GEN-LAST:event_jButton7ActionPerformed
```

References [apiClient](#), [itemname2](#), [itemprice2](#), and [jTable3](#).

8.2.3.9 jTable1KeyPressed()

```
void es.ull.esit.app.adminProducts.jTable1KeyPressed (
    java.awt.event.KeyEvent evt) [inline], [private]
```

Manejador de teclas presionadas en la tabla de bebidas.

Permite capturar el ID de la bebida seleccionada al navegar con el teclado.

Parameters

evt	Evento de tecla generado por la acción del usuario.
-----	---

Returns

void

Definition at line 753 of file [adminProducts.java](#).

```
00753           // Keep as is - no changes needed
00754
00755     } //GEN-LAST:event_jTable1KeyPressed
```

{ //GEN-FIRST:event_jTable1KeyPressed

8.2.3.10 jTable1MouseClicked()

```
void es.ull.esit.app.adminProducts.jTable1MouseClicked (
    java.awt.event.MouseEvent evt) [inline], [private]
```

Manejador de clics en la tabla de bebidas.

Al hacer clic en una fila, se captura el ID de la bebida seleccionada para futuras operaciones de actualización.

Parameters

evt	Evento de ratón generado por el clic.
-----	---------------------------------------

Returns

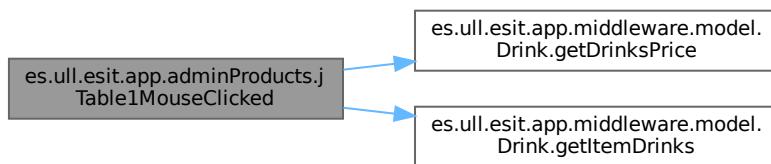
void

Definition at line 766 of file [adminProducts.java](#).

```
00766
00767     { //GEN-FIRST:event_jTable1MouseClicked
00768         String selectedIDKey = jTable1.getValueAt(jTable1.getSelectedRow(), 0).toString();
00769         selectedDrinkID = Long.valueOf(selectedIDKey);
00770         System.out.println("You select id " + selectedDrinkID + " of Drink to update.");
00771
00772         try {
00773             Drink drink = apiClient.getDrinkById(selectedDrinkID);
00774             itemname.setText(drink.getItemDrinks());
00775             itemprice.setText(String.valueOf(drink.getDrinksPrice()));
00776         } catch (Exception ex) {
00777             JOptionPane.showMessageDialog(null, "Error loading drink: " + ex.getMessage());
00778         }
00779     } //GEN-LAST:event_jTable1MouseClicked
```

References [apiClient](#), [es.ull.esit.app.middleware.model.Drink.getDrinksPrice\(\)](#), [es.ull.esit.app.middleware.model.Drink.getItemDrinks\(\)](#), [itemname](#), [itemprice](#), and [jTable1](#).

Here is the call graph for this function:



8.2.3.11 jTable2MouseClicked()

```
void es.ull.esit.app.adminProducts.jTable2MouseClicked (
    java.awt.event.MouseEvent evt) [inline], [private]
```

Manejador de clics en la tabla de aperitivos.

Al hacer clic en una fila, se captura el ID del aperitivo seleccionado para futuras operaciones de actualización.

Parameters

<code>evt</code>	Evento de ratón generado por el clic.
------------------	---------------------------------------

Returns

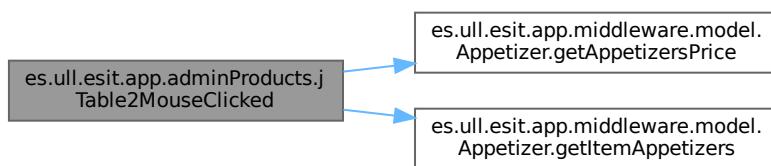
`void`

Definition at line 789 of file [adminProducts.java](#).

```
00789 //GEN-FIRST:event_jTable2MouseClicked
00790     String selectedIDKey = jTable2.getValueAt(jTable2.getSelectedRow(), 0).toString();
00791     selectedAppetizerID = Long.valueOf(selectedIDKey);
00792     System.out.println("You select id " + selectedAppetizerID + " of appetizers to update.");
00793
00794     try {
00795         Appetizer appetizer = apiClient.getAppetizerById(selectedAppetizerID);
00796         itemname1.setText(appetizer.getItemAppetizers());
00797         itemprice1.setText(String.valueOf(appetizer.getAppetizersPrice()));
00798     } catch (Exception ex) {
00799         JOptionPane.showMessageDialog(null, "Error loading appetizer: " + ex.getMessage());
00800     }
00801 //GEN-LAST:event_jTable2MouseClicked
```

References [apiClient](#), [es.ull.esit.app.middleware.model.Appetizer.getAppetizersPrice\(\)](#), [es.ull.esit.app.middleware.model.Appetizer.get](#), [itemname1](#), [itemprice1](#), and [jTable2](#).

Here is the call graph for this function:



8.2.3.12 jTable3MouseClicked()

```
void es.ull.esit.app.adminProducts.jTable3MouseClicked (
    java.awt.event.MouseEvent evt) [inline], [private]
```

Manejador de clics en la tabla de platos principales.

Al hacer clic en una fila, se captura el ID del plato seleccionado para futuras operaciones de actualización.

Parameters

<code>evt</code>	Evento de ratón generado por el clic.
------------------	---------------------------------------

Returns

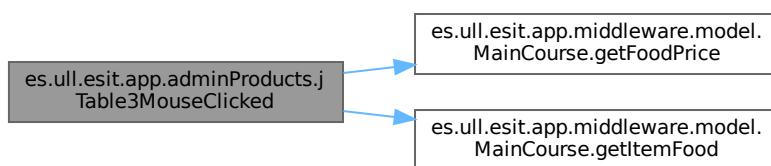
`void`

Definition at line 812 of file [adminProducts.java](#).

```
00812
00813     { //GEN-FIRST:event_jTable3MouseClicked
00814         String selectedIDKey = jTable3.getValueAt(jTable3.getSelectedRow(), 0).toString();
00815         selectedMainCourseID = Long.valueOf(selectedIDKey);
00816         System.out.println("You select id " + selectedMainCourseID + " of maincourse to update.");
00817         try {
00818             MainCourse mainCourse = apiClient.getMainCourseById(selectedMainCourseID);
00819             itemname2.setText(mainCourse.getItemFood());
00820             itemprice2.setText(String.valueOf(mainCourse.getFoodPrice()));
00821         } catch (Exception ex) {
00822             JOptionPane.showMessageDialog(null, "Error loading main course: " + ex.getMessage());
00823         }
00824     } //GEN-LAST:event_jTable3MouseClicked
```

References [apiClient](#), [es.ull.esit.app.middleware.model.MainCourse.getFoodPrice\(\)](#), [es.ull.esit.app.middleware.model.MainCourse.getFoodPrice\(\)](#), [itemname2](#), [itemprice2](#), and [jTable3](#).

Here is the call graph for this function:



8.2.3.13 main()

```
void es.ull.esit.app.adminProducts.main (
    String args[] ) [inline], [static]
```

Parameters

<code>args</code>	the command line arguments
-------------------	----------------------------

Definition at line 901 of file [adminProducts.java](#).

```
00901
00902     /* Set the Nimbus look and feel */
00903     //
00904     /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00905      * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00906      */
00907     try {
```

```

00908         for (javax.swing.UIManager.LookAndFeelInfo info :
00909             javax.swing.UIManager.getInstalledLookAndFeels()) {
00910                 if ("Nimbus".equals(info.getName())) {
00911                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00912                     break;
00913                 }
00914             } catch (ClassNotFoundException ex) {
00915                 java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00916                         null, ex);
00917             } catch (InstantiationException ex) {
00918                 java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00919                         null, ex);
00920             } catch (IllegalAccessException ex) {
00921                 java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00922                         null, ex);
00923             }
00924         //
```

/* Create and display the form */

```

00925         java.awt.EventQueue.invokeLater(new Runnable() {
00926             public void run() {
00927                 new adminProducts().setVisible(true);
00928             }
00929         });
00931     }

```

References [adminProducts\(\)](#).

Here is the call graph for this function:



8.2.4 Member Data Documentation

8.2.4.1 apiClient

[ApiClient](#) es.ull.esit.app.adminProducts.apiClient [private]

Cliente HTTP para llamadas al backend.

Definition at line 25 of file [adminProducts.java](#).

Referenced by [adminProducts\(\)](#), [jButton1ActionPerformed\(\)](#), [jButton2ActionPerformed\(\)](#), [jButton4ActionPerformed\(\)](#), [jButton5ActionPerformed\(\)](#), [jButton6ActionPerformed\(\)](#), [jButton7ActionPerformed\(\)](#), [jTable1MouseClicked\(\)](#), [jTable2MouseClicked\(\)](#), and [jTable3MouseClicked\(\)](#).

8.2.4.2 itemname

[javax.swing.JTextField](#) es.ull.esit.app.adminProducts.itemname [private]

Definition at line 934 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton1ActionPerformed\(\)](#), [jButton2ActionPerformed\(\)](#), and [jTable1MouseClicked\(\)](#).

8.2.4.3 itemname1

```
javax.swing.JTextField es.ull.esit.app.adminProducts.itemname1 [private]
```

Definition at line 935 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton4ActionPerformed\(\)](#), [jButton5ActionPerformed\(\)](#), and [jTable2MouseClicked\(\)](#).

8.2.4.4 itemname2

```
javax.swing.JTextField es.ull.esit.app.adminProducts.itemname2 [private]
```

Definition at line 936 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton6ActionPerformed\(\)](#), [jButton7ActionPerformed\(\)](#), and [jTable3MouseClicked\(\)](#).

8.2.4.5 itemprice

```
javax.swing.JTextField es.ull.esit.app.adminProducts.itemprice [private]
```

Definition at line 937 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton1ActionPerformed\(\)](#), [jButton2ActionPerformed\(\)](#), and [jTable1MouseClicked\(\)](#).

8.2.4.6 itemprice1

```
javax.swing.JTextField es.ull.esit.app.adminProducts.itemprice1 [private]
```

Definition at line 938 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton4ActionPerformed\(\)](#), [jButton5ActionPerformed\(\)](#), and [jTable2MouseClicked\(\)](#).

8.2.4.7 itemprice2

```
javax.swing.JTextField es.ull.esit.app.adminProducts.itemprice2 [private]
```

Definition at line 939 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton6ActionPerformed\(\)](#), [jButton7ActionPerformed\(\)](#), and [jTable3MouseClicked\(\)](#).

8.2.4.8 jButton1

```
javax.swing.JButton es.ull.esit.app.adminProducts(jButton1 [private]
```

Definition at line 940 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.9 **jButton2**

```
javax.swing.JButton es.ull.esit.app.adminProducts.jButton2 [private]
```

Definition at line 941 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.10 **jButton3**

```
javax.swing.JButton es.ull.esit.app.adminProducts.jButton3 [private]
```

Definition at line 942 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.11 **jButton4**

```
javax.swing.JButton es.ull.esit.app.adminProducts.jButton4 [private]
```

Definition at line 943 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.12 **jButton5**

```
javax.swing.JButton es.ull.esit.app.adminProducts.jButton5 [private]
```

Definition at line 944 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.13 **jButton6**

```
javax.swing.JButton es.ull.esit.app.adminProducts.jButton6 [private]
```

Definition at line 945 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.14 **jButton7**

```
javax.swing.JButton es.ull.esit.app.adminProducts.jButton7 [private]
```

Definition at line 946 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.15 jLabel1

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel1 [private]
```

Definition at line 947 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.16 jLabel10

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel10 [private]
```

Definition at line 948 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.17 jLabel2

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel2 [private]
```

Definition at line 949 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.18 jLabel3

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel3 [private]
```

Definition at line 950 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.19 jLabel4

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel4 [private]
```

Definition at line 951 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.20 jLabel5

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel5 [private]
```

Definition at line 952 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.21 jLabel6

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel6 [private]
```

Definition at line 953 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.22 jLabel7

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel7 [private]
```

Definition at line 954 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.23 jLabel8

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel8 [private]
```

Definition at line 955 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.24 jLabel9

```
javax.swing.JLabel es.ull.esit.app.adminProducts.jLabel9 [private]
```

Definition at line 956 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.25 jPanel1

```
javax.swing.JPanel es.ull.esit.app.adminProducts.jPanel1 [private]
```

Definition at line 957 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.26 jPanel2

```
javax.swing.JPanel es.ull.esit.app.adminProducts.jPanel2 [private]
```

Definition at line 958 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.27 jPanel3

```
javax.swing.JPanel es.ull.esit.app.adminProducts(jPanel3 [private]
```

Definition at line 959 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.28 jPanel4

```
javax.swing.JPanel es.ull.esit.app.adminProducts(jPanel4 [private]
```

Definition at line 960 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.29 jScrollPane1

```
javax.swing.JScrollPane es.ull.esit.app.adminProducts(jScrollPane1 [private]
```

Definition at line 961 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.30 jScrollPane2

```
javax.swing.JScrollPane es.ull.esit.app.adminProducts(jScrollPane2 [private]
```

Definition at line 962 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.31 jScrollPane3

```
javax.swing.JScrollPane es.ull.esit.app.adminProducts(jScrollPane3 [private]
```

Definition at line 963 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.32 jTabbedPane1

```
javax.swing.JTabbedPane es.ull.esit.app.adminProducts(jTabbedPane1 [private]
```

Definition at line 964 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#).

8.2.4.33 jTable1

```
javax.swing.JTable es.ull.esit.app.adminProducts.jTable1 [private]
```

Definition at line 965 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton1ActionPerformed\(\)](#), [jButton2ActionPerformed\(\)](#), and [jTable1MouseClicked\(\)](#).

8.2.4.34 jTable2

```
javax.swing.JTable es.ull.esit.app.adminProducts.jTable2 [private]
```

Definition at line 966 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton4ActionPerformed\(\)](#), [jButton5ActionPerformed\(\)](#), and [jTable2MouseClicked\(\)](#).

8.2.4.35 jTable3

```
javax.swing.JTable es.ull.esit.app.adminProducts.jTable3 [private]
```

Definition at line 967 of file [adminProducts.java](#).

Referenced by [initComponents\(\)](#), [jButton6ActionPerformed\(\)](#), [jButton7ActionPerformed\(\)](#), and [jTable3MouseClicked\(\)](#).

The documentation for this class was generated from the following file:

- [adminProducts.java](#)

8.3 es.ull.esit.app.middleware.ApiClient Class Reference

[ApiClient](#) is a middleware class that handles HTTP requests to a RESTful API.

Collaboration diagram for es.ull.esit.app.middleware.ApiClient:

es.ull.esit.app.middleware. ApiClient	
-	http
-	baseUrl
-	mapper
+	ApiClient()
+	getAllAppetizers()
+	getAppetizerById()
+	createAppetizer()
+	updateAppetizer()
+	deleteAppetizer()
+	getAllCashiers()
+	getCashierById()
+	createCashier()
+	updateCashier()
	and 11 more...
~	get()
~	getList()
~	post()

Public Member Functions

- **ApiClient (String baseUrl)**
Constructs an `ApiClient` with the specified base URL.
- List< **Appetizer > getAllAppetizers () throws Exception**
GET all appetizers.
- **Appetizer getAppetizerById (Long id) throws Exception**
GET appetizer by ID.
- **Appetizer createAppetizer (Appetizer appetizer) throws Exception**
POST create new appetizer.
- **Appetizer updateAppetizer (Long id, Appetizer appetizer) throws Exception**
PUT update appetizer.
- void **deleteAppetizer (Long id) throws Exception**
DELETE appetizer.
- List< **Cashier > getAllCashiers () throws Exception**
GET all cashiers.
- **Cashier getCashierById (Long id) throws Exception**
GET cashier by ID.
- **Cashier createCashier (Cashier cashier) throws Exception**
POST create new cashier.

- `Cashier updateCashier` (Long id, `Cashier` cashier) throws Exception
`PUT update cashier.`
- `void deleteCashier` (Long id) throws Exception
`DELETE cashier.`
- `List< Drink > getAllDrinks` () throws Exception
`GET all drinks.`
- `Drink getDrinkById` (Long id) throws Exception
`GET drink by ID.`
- `Drink createDrink` (`Drink` drink) throws Exception
`POST create new drink.`
- `Drink updateDrink` (Long id, `Drink` drink) throws Exception
`PUT update drink.`
- `void deleteDrink` (Long id) throws Exception
`DELETE drink.`
- `List< MainCourse > getAllMainCourses` () throws Exception
`GET all maincourses.`
- `MainCourse getMainCourseById` (Long id) throws Exception
`GET maincourse by ID.`
- `MainCourse createMainCourse` (`MainCourse` mainCourse) throws Exception
`POST create new maincourse.`
- `MainCourse updateMainCourse` (Long id, `MainCourse` mainCourse) throws Exception
`PUT update maincourse.`
- `void deleteMainCourse` (Long id) throws Exception
`DELETE maincourse.`

Private Attributes

- `final HttpClient http`
- `final String baseUrl`
- `final ObjectMapper mapper`

8.3.1 Detailed Description

`ApiClient` is a middleware class that handles HTTP requests to a RESTful API.

It provides methods to perform CRUD operations on various resources such as Appetizers, Cashiers, Drinks, and MainCourses.

Definition at line 20 of file `ApiClient.java`.

8.3.2 Constructor & Destructor Documentation

8.3.2.1 `ApiClient()`

```
es.ullesit.app.middleware.ApiClient.ApiClient (
    String baseUrl) [inline]
```

Constructs an `ApiClient` with the specified base URL.

Parameters

<i>baseUrl</i>	The base URL of the API.
----------------	--------------------------

Definition at line 30 of file [ApiClient.java](#).

```
00030      {
00031          this.baseUrl = baseUrl.endsWith("/") ? baseUrl.substring(0, baseUrl.length()-1) : baseUrl;
00032          this.http = HttpClient.newBuilder()
00033              .connectTimeout(Duration.ofSeconds(5))
00034              .build();
00035          this.mapper = new ObjectMapper();
00036      }
```

References [baseUrl](#).

8.3.3 Member Function Documentation

8.3.3.1 [createAppetizer\(\)](#)

```
Appetizer es.ull.esit.app.middleware.ApiClient.createAppetizer (
    Appetizer appetizer) throws Exception [inline]
```

POST create new appetizer.

Parameters

<i>appetizer</i>	the Appetizer object to create
------------------	--

Returns

an [Appetizer](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 114 of file [ApiClient.java](#).

```
00114      {
00115          return post("/api/appetizers", appetizer, Appetizer.class);
00116      }
```

8.3.3.2 [createCashier\(\)](#)

```
Cashier es.ull.esit.app.middleware.ApiClient.createCashier (
    Cashier cashier) throws Exception [inline]
```

POST create new cashier.

Parameters

<i>cashier</i>	the Cashier object to create
----------------	--

Returns

a [Cashier](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 171 of file [ApiClient.java](#).

```
00171         return post("/api/cashiers", cashier, Cashier.class);
00172     }
00173 }
```

8.3.3.3 createDrink()

```
Drink es.ull.esit.app.middleware.ApiClient.createDrink (
    Drink drink) throws Exception [inline]
```

POST create new drink.

Parameters

<i>drink</i>	the Drink object to create
--------------	--

Returns

a [Drink](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 227 of file [ApiClient.java](#).

```
00227         return post("/api/drinks", drink, Drink.class);
00228     }
00229 }
```

8.3.3.4 createMainCourse()

```
MainCourse es.ull.esit.app.middleware.ApiClient.createMainCourse (
    MainCourse mainCourse) throws Exception [inline]
```

POST create new maincourse.

Parameters

<i>mainCourse</i>	the MainCourse object to create
-------------------	---

Returns

a [MainCourse](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line [282](#) of file [ApiClient.java](#).

```
00282         return post("/api/maincourses", mainCourse, MainCourse.class);  
00283  
00284 }
```

8.3.3.5 deleteAppetizer()

```
void es.ull.esit.app.middleware.ApiClient.deleteAppetizer (  
    Long id) throws Exception [inline]
```

DELETE appetizer.

Parameters

<i>id</i>	the appetizer ID
-----------	------------------

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line [141](#) of file [ApiClient.java](#).

```
00141 {  
00142     HttpRequest req = HttpRequest.newBuilder()  
00143         .uri(URI.create(baseUrl + "/api/appetizers/" + id))  
00144         .DELETE()  
00145         .build();  
00146     http.send(req, HttpResponse.BodyHandlers.ofString());  
00147 }
```

References [baseUrl](#), and [http](#).

8.3.3.6 deleteCashier()

```
void es.ull.esit.app.middleware.ApiClient.deleteCashier (  
    Long id) throws Exception [inline]
```

DELETE cashier.

Parameters

<i>id</i>	the cashier ID
-----------	----------------

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 196 of file [ApiClient.java](#).

```
00196             {
00197     HttpRequest req = HttpRequest.newBuilder()
00198         .uri(URI.create(baseUrl + "/api/cashiers/" + id))
00199         .DELETE()
00200         .build();
00201     http.send(req, HttpResponse.BodyHandlers.ofString());
00202 }
```

References [baseUrl](#), and [http](#).

8.3.3.7 deleteDrink()

```
void es.ull.esit.app.middleware.ApiClient.deleteDrink (
    Long id) throws Exception [inline]
```

DELETE drink.

Parameters

<i>id</i>	the drink ID
-----------	--------------

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 252 of file [ApiClient.java](#).

```
00252             {
00253     HttpRequest req = HttpRequest.newBuilder()
00254         .uri(URI.create(baseUrl + "/api/drinks/" + id))
00255         .DELETE()
00256         .build();
00257     http.send(req, HttpResponse.BodyHandlers.ofString());
00258 }
```

References [baseUrl](#), and [http](#).

8.3.3.8 deleteMainCourse()

```
void es.ull.esit.app.middleware.ApiClient.deleteMainCourse (
    Long id) throws Exception [inline]
```

DELETE maincourse.

Parameters

<i>id</i>	the maincourse ID
-----------	-------------------

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 307 of file [ApiClient.java](#).

```
00307          {
00308      HttpRequest req = HttpRequest.newBuilder()
00309          .uri(URI.create(baseUrl + "/api/maincourses/" + id))
00310          .DELETE()
00311          .build();
00312      http.send(req, HttpResponse.BodyHandlers.ofString());
00313  }
```

References [baseUrl](#), and [http](#).

8.3.3.9 getAllAppetizers()

```
List< Appetizer > es.ull.esit.app.middleware.ApiClient.getAllAppetizers () throws Exception  
[inline]
```

GET all appetizers.

Returns

a list of [Appetizer](#) objects

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 94 of file [ApiClient.java](#).

```
00094          {
00095      return getList("/api/appetizers", new TypeReference<List<Appetizer>>() {});
00096  }
```

8.3.3.10 getAllCashiers()

```
List< Cashier > es.ull.esit.app.middleware.ApiClient.getAllCashiers () throws Exception [inline]
```

GET all cashiers.

Returns

a list of [Cashier](#) objects

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 153 of file [ApiClient.java](#).

```
00153             {
00154         return getList("/api/cashiers", new TypeReference<List<Cashier>>() {});
00155     }
```

8.3.3.11 getAllDrinks()

`List< Drink > es.ull.esit.app.middleware.ApiClient.getAllDrinks () throws Exception [inline]`

GET all drinks.

Returns

a list of [Drink](#) objects

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 208 of file [ApiClient.java](#).

```
00208             {
00209         return getList("/api/drinks", new TypeReference<List<Drink>>() {});
00210     }
```

8.3.3.12 getAllMainCourses()

`List< MainCourse > es.ull.esit.app.middleware.ApiClient.getAllMainCourses () throws Exception [inline]`

GET all maincourses.

Returns

a list of [MainCourse](#) objects

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 264 of file [ApiClient.java](#).

```
00264             {
00265         return getList("/api/maincourses", new TypeReference<List<MainCourse>>() {});
00266     }
```

8.3.3.13 getAppetizerById()

Generated by Doxygen

`Appetizer es.ull.esit.app.middleware.ApiClient.getAppetizerById (`
`Long id) throws Exception [inline]`

Parameters

<i>id</i>	the appetizer ID
-----------	------------------

Returns

an [Appetizer](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 104 of file [ApiClient.java](#).

```
00104         return get("/api/appetizers/" + id, Appetizer.class);  
00105     }  
00106 }
```

8.3.3.14 getCashierById()

```
Cashier es.ull.esit.app.middleware.ApiClient.getCashierById (  
    Long id) throws Exception [inline]
```

GET cashier by ID.

Parameters

<i>id</i>	the cashier ID
-----------	----------------

Returns

a [Cashier](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 162 of file [ApiClient.java](#).

```
00162         return get("/api/cashiers/" + id, Cashier.class);  
00163     }  
00164 }
```

8.3.3.15 getDrinkById()

```
Drink es.ull.esit.app.middleware.ApiClient.getDrinkById (  
    Long id) throws Exception [inline]
```

GET drink by ID.

Parameters

<i>id</i>	the drink ID
-----------	--------------

Returns

a [Drink](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 218 of file [ApiClient.java](#).

```
00218         return get("/api/drinks/" + id, Drink.class);
00219
00220 }
```

8.3.3.16 getMainCourseById()

```
MainCourse es.ull.esit.app.middleware.ApiClient.getMainCourseById (
    Long id) throws Exception [inline]
```

GET maincourse by ID.

Parameters

<i>id</i>	the maincourse ID
-----------	-------------------

Returns

a [MainCourse](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 273 of file [ApiClient.java](#).

```
00273
00274     return get("/api/maincourses/" + id, MainCourse.class);
00275 }
```

8.3.3.17 updateAppetizer()

```
Appetizer es.ull.esit.app.middleware.ApiClient.updateAppetizer (
    Long id,
    Appetizer appetizer) throws Exception [inline]
```

PUT update appetizer.

Generated by Doxygen

Parameters

<i>id</i>	the appetizer ID
<i>appetizer</i>	the Appetizer object to update

Returns

an [Appetizer](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 125 of file [ApiClient.java](#).

```
00125
00126     String json = mapper.writeValueAsString(appetizer);
00127     HttpRequest req = HttpRequest.newBuilder()
00128         .uri(URI.create(baseUrl + "/api/appetizers/" + id))
00129         .PUT(HttpRequest.BodyPublishers.ofString(json))
00130         .header("Content-Type", "application/json")
00131         .build();
00132     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00133     return mapper.readValue(res.body(), Appetizer.class);
00134 }
```

References [baseUrl](#), [http](#), and [mapper](#).

8.3.3.18 updateCashier()

```
Cashier es.ull.esit.app.middleware.ApiClient.updateCashier (
    Long id,
    Cashier cashier) throws Exception [inline]
```

PUT update cashier.

Parameters

<i>id</i>	the cashier ID
<i>cashier</i>	the Cashier object to update

Returns

a [Cashier](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 181 of file [ApiClient.java](#).

```
00181 }
```

```

00182     String json = mapper.writeValueAsString(cashier);
00183     HttpRequest req = HttpRequest.newBuilder()
00184         .uri(URI.create(baseUrl + "/api/cashiers/" + id))
00185         .PUT(HttpRequest.BodyPublishers.ofString(json))
00186         .header("Content-Type", "application/json")
00187         .build();
00188     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00189     return mapper.readValue(res.body(), Cashier.class);
00190 }
```

References [baseUrl](#), [http](#), and [mapper](#).

8.3.3.19 updateDrink()

```

Drink es.ull.esit.app.middleware.ApiClient.updateDrink (
    Long id,
    Drink drink) throws Exception [inline]
```

PUT update drink.

Parameters

<i>id</i>	the drink ID
<i>drink</i>	the Drink object to update

Returns

a [Drink](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 237 of file [ApiClient.java](#).

```

00237
00238     String json = mapper.writeValueAsString(drink);
00239     HttpRequest req = HttpRequest.newBuilder()
00240         .uri(URI.create(baseUrl + "/api/drinks/" + id))
00241         .PUT(HttpRequest.BodyPublishers.ofString(json))
00242         .header("Content-Type", "application/json")
00243         .build();
00244     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00245     return mapper.readValue(res.body(), Drink.class);
00246 }
```

References [baseUrl](#), [http](#), and [mapper](#).

8.3.3.20 updateMainCourse()

```

MainCourse es.ull.esit.app.middleware.ApiClient.updateMainCourse (
    Long id,
    MainCourse mainCourse) throws Exception [inline]
```

PUT update maincourse.

Parameters

<i>id</i>	the maincourse ID
<i>mainCourse</i>	the MainCourse object to update

Returns

a [MainCourse](#) object

Exceptions

<i>Exception</i>	if an error occurs during the request
------------------	---------------------------------------

Definition at line 292 of file [ApiClient.java](#).

```
00292
00293     String json = mapper.writeValueAsString(mainCourse);
00294     HttpRequest req = HttpRequest.newBuilder()
00295         .uri(URI.create(baseUrl + "/api/maincourses/" + id))
00296         .PUT(HttpRequest.BodyPublishers.ofString(json))
00297         .header("Content-Type", "application/json")
00298         .build();
00299     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00300     return mapper.readValue(res.body(), MainCourse.class);
00301 }
```

References [baseUrl](#), [http](#), and [mapper](#).

8.3.4 Member Data Documentation

8.3.4.1 baseUrl

```
final String es.ul.esit.app.middleware.ApiClient.baseUrl [private]
```

Definition at line 22 of file [ApiClient.java](#).

Referenced by [ApiClient\(\)](#), [deleteAppetizer\(\)](#), [deleteCashier\(\)](#), [deleteDrink\(\)](#), [deleteMainCourse\(\)](#), [updateAppetizer\(\)](#), [updateCashier\(\)](#), [updateDrink\(\)](#), and [updateMainCourse\(\)](#).

8.3.4.2 http

```
final HttpClient es.ul.esit.app.middleware.ApiClient.http [private]
```

Definition at line 21 of file [ApiClient.java](#).

Referenced by [deleteAppetizer\(\)](#), [deleteCashier\(\)](#), [deleteDrink\(\)](#), [deleteMainCourse\(\)](#), [updateAppetizer\(\)](#), [updateCashier\(\)](#), [updateDrink\(\)](#), and [updateMainCourse\(\)](#).

8.3.4.3 mapper

```
final ObjectMapper es.ull.esit.app.middleware.ApiClient.mapper [private]
```

Definition at line 23 of file [ApiClient.java](#).

Referenced by [updateAppetizer\(\)](#), [updateCashier\(\)](#), [updateDrink\(\)](#), and [updateMainCourse\(\)](#).

The documentation for this class was generated from the following file:

- [ApiClient.java](#)

8.4 es.ull.esit.app.middleware.model.Appetizer Class Reference

[Appetizer](#) model class.

Collaboration diagram for es.ull.esit.app.middleware.model.Appetizer:

es.ull.esit.app.middleware.model. Appetizer
- appetizersId - itemAppetizers - appetizersPrice - receiptId
+ Appetizer() + Appetizer() + getAppetizersId() + setAppetizersId() + getItemAppetizers() + setItemAppetizers() + getAppetizersPrice() + setAppetizersPrice() + getReceiptId() + setReceiptId()

Public Member Functions

- [Appetizer \(\)](#)
- [Appetizer \(Long appetizersId, String itemAppetizers, Integer appetizersPrice, Long receiptId\)](#)
Constructor with parameters.
- [Long getAppetizersId \(\)](#)
Getters and Setters.
- [void setAppetizersId \(Long appetizersId\)](#)
Set appetizers ID.
- [String getItemAppetizers \(\)](#)
Get item appetizers.
- [void setItemAppetizers \(String itemAppetizers\)](#)
Set item appetizers.
- [Integer getAppetizersPrice \(\)](#)
Get appetizers price.
- [void setAppetizersPrice \(Integer appetizersPrice\)](#)
Set appetizers price.
- [Long getReceiptId \(\)](#)
Get receipt ID.
- [void setReceiptId \(Long receiptId\)](#)
Set receipt ID.

Private Attributes

- [Long appetizersId](#)
- [String itemAppetizers](#)
- [Integer appetizersPrice](#)
- [Long receiptId](#)

8.4.1 Detailed Description

[Appetizer](#) model class.

Definition at line 8 of file [Appetizer.java](#).

8.4.2 Constructor & Destructor Documentation

8.4.2.1 Appetizer() [1/2]

```
es.ull.esit.app.middleware.model.Appetizer.Appetizer () [inline]
```

Definition at line 21 of file [Appetizer.java](#).

```
00021 { }
```

References [Appetizer\(\)](#).

Referenced by [Appetizer\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.4.2.2 Appetizer() [2/2]

```
es.ull.esit.app.middleware.model.Appetizer.Appetizer (
    Long appetizersId,
    String itemAppetizers,
    Integer appetizersPrice,
    Long receiptId) [inline]
```

Constructor with parameters.

Parameters

<i>appetizersId</i>	the appetizers ID
<i>itemAppetizers</i>	the appetizer item name
<i>appetizersPrice</i>	the appetizer price
<i>receiptId</i>	the receipt ID

Definition at line 30 of file [Appetizer.java](#).

```
00030
{
00031     this.appetizersId = appetizersId;
00032     this.itemAppetizers = itemAppetizers;
00033     this.appetizersPrice = appetizersPrice;
00034     this.receiptId = receiptId;
00035 }
```

References [appetizersId](#), [appetizersPrice](#), [itemAppetizers](#), and [receiptId](#).

8.4.3 Member Function Documentation

8.4.3.1 getAppetizersId()

```
Long es.ull.esit.app.middleware.model.Appetizer.getAppetizersId () [inline]
```

Getters and Setters.

Returns

values of the attributes

Definition at line 41 of file [Appetizer.java](#).

```
00041 { return appetizersId; }
```

References [appetizersId](#).

8.4.3.2 getAppetizersPrice()

```
Integer es.ull.esit.app.middleware.model.Appetizer.getAppetizersPrice () [inline]
```

Get appetizers price.

Returns

the appetizer price

Definition at line 65 of file [Appetizer.java](#).

```
00065 { return appetizersPrice; }
```

References [appetizersPrice](#).

Referenced by [es.ull.esit.app.adminProducts.jTable2MouseClicked\(\)](#).

Here is the caller graph for this function:



8.4.3.3 getItemAppetizers()

```
String es.ull.esit.app.middleware.model.Appetizer.getItemAppetizers () [inline]
```

Get item appetizers.

Returns

the appetizer item name

Definition at line 53 of file [Appetizer.java](#).

```
00053 { return itemAppetizers; }
```

References [itemAppetizers](#).

Referenced by [es.ull.esit.app.adminProducts.JTable2MouseClicked\(\)](#).

Here is the caller graph for this function:



8.4.3.4 getReceiptId()

```
Long es.ull.esit.app.middleware.model.Appetizer.getReceiptId () [inline]
```

Get receipt ID.

Returns

the receipt ID

Definition at line 77 of file [Appetizer.java](#).

```
00077 { return receiptId; }
```

References [receiptId](#).

8.4.3.5 setAppetizersId()

```
void es.ull.esit.app.middleware.model.Appetizer.setAppetizersId (
    Long appetizersId) [inline]
```

Set appetizers ID.

Parameters

<i>appetizersId</i>	the appetizers ID
---------------------	-------------------

Definition at line 47 of file [Appetizer.java](#).

```
00047 { this.appetizersId = appetizersId; }
```

References [appetizersId](#).

8.4.3.6 setAppetizersPrice()

```
void es.ull.esit.app.middleware.model.Appetizer.setAppetizersPrice (
    Integer appetizersPrice) [inline]
```

Set appetizers price.

Parameters

<i>appetizersPrice</i>	the appetizer price
------------------------	---------------------

Definition at line 71 of file [Appetizer.java](#).

```
00071 { this.appetizersPrice = appetizersPrice; }
```

References [appetizersPrice](#).

8.4.3.7 setItemAppetizers()

```
void es.ull.esit.app.middleware.model.Appetizer.setItemAppetizers (
    String itemAppetizers) [inline]
```

Set item appetizers.

Parameters

<i>itemAppetizers</i>	the appetizer item name
-----------------------	-------------------------

Definition at line 59 of file [Appetizer.java](#).

```
00059 { this.itemAppetizers = itemAppetizers; }
```

References [itemAppetizers](#).

8.4.3.8 setReceiptId()

```
void es.ull.esit.app.middleware.model.Appetizer.setReceiptId (
    Long receiptId) [inline]
```

Set receipt ID.

Parameters

<i>receiptId</i>	the receipt ID
------------------	----------------

Definition at line 83 of file [Appetizer.java](#).

```
00083 { this.receiptId = receiptId; }
```

References [receiptId](#).

8.4.4 Member Data Documentation

8.4.4.1 appetizersId

```
Long es.ull.esit.app.middleware.model.Appetizer.appetizersId [private]
```

Definition at line 10 of file [Appetizer.java](#).

Referenced by [Appetizer\(\)](#), [getAppetizersId\(\)](#), and [setAppetizersId\(\)](#).

8.4.4.2 appetizersPrice

```
Integer es.ull.esit.app.middleware.model.Appetizer.appetizersPrice [private]
```

Definition at line 16 of file [Appetizer.java](#).

Referenced by [Appetizer\(\)](#), [getAppetizersPrice\(\)](#), and [setAppetizersPrice\(\)](#).

8.4.4.3 itemAppetizers

```
String es.ull.esit.app.middleware.model.Appetizer.itemAppetizers [private]
```

Definition at line 13 of file [Appetizer.java](#).

Referenced by [Appetizer\(\)](#), [getItemAppetizers\(\)](#), and [setItemAppetizers\(\)](#).

8.4.4.4 receiptId

```
Long es.ull.esit.app.middleware.model.Appetizer.receiptId [private]
```

Definition at line 19 of file [Appetizer.java](#).

Referenced by [Appetizer\(\)](#), [getReceiptId\(\)](#), and [setReceiptId\(\)](#).

The documentation for this class was generated from the following file:

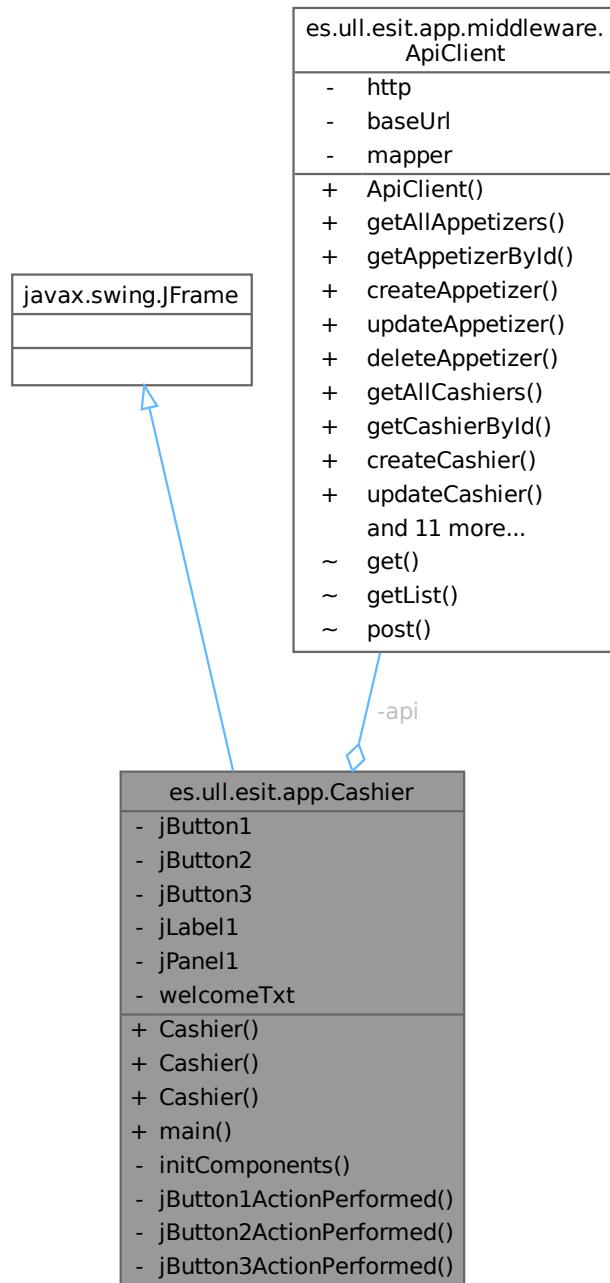
- [Appetizer.java](#)

8.5 es.ulb.esit.app.Cashier Class Reference

Inheritance diagram for es.ull.esit.app.Cashier:



Collaboration diagram for es.ull.esit.app.Cashier:



Public Member Functions

- [Cashier \(\)](#)
Constructor por defecto.
- [Cashier \(String name\)](#)
Constructor con nombre del cajero.
- [Cashier \(es.ull.esit.app.middleware.ApiClient apiClient, String... optionalName\)](#)
Constructor que recibe un [ApiClient](#) y opcionalmente el nombre del cajero.

Static Public Member Functions

- static void [main](#) (String args[])
Punto de entrada para ejecutar esta ventana de forma independiente.

Private Member Functions

- void [initComponents](#) ()
This method is called from within the constructor to initialize the form.
- void [jButton1ActionPerformed](#) (java.awt.event.ActionEvent evt)
Acción para abrir la ventana "About us".
- void [jButton2ActionPerformed](#) (java.awt.event.ActionEvent evt)
- void [jButton3ActionPerformed](#) (java.awt.event.ActionEvent evt)
Acción para cerrar sesión y volver al login.

Private Attributes

- [es.ull.esit.app.middleware.ApiClient api](#)
Cliente HTTP usado para comunicarse con el middleware REST.
- javax.swing.JButton [jButton1](#)
Botón "About us" para ver información del restaurante.
- javax.swing.JButton [jButton2](#)
Botón para abrir el menú ([Frame1](#)).
- javax.swing.JButton [jButton3](#)
Botón para cerrar sesión (LogOut).
- javax.swing.JLabel [jLabel1](#)
Imagen/logo mostrado en la ventana.
- javax.swing.JPanel [jPanel1](#)
Panel contenedor principal.
- javax.swing.JLabel [welcomeTxt](#)
Etiqueta para mostrar el texto de bienvenida al cajero.

8.5.1 Detailed Description

Definition at line [20](#) of file [Cashier.java](#).

8.5.2 Constructor & Destructor Documentation

8.5.2.1 [Cashier\(\)](#) [1/3]

```
es.ull.esit.app.Cashier.Cashier ()  [inline]
```

Constructor por defecto.

Inicializa la interfaz.

Definition at line [28](#) of file [Cashier.java](#).

```
00028      {  
00029          this(new es.ull.esit.app.middleware.ApiClient("http://localhost:8080"));
```

```
00030 }
```

Referenced by [main\(\)](#).

Here is the caller graph for this function:



8.5.2.2 Cashier() [2/3]

```
es.ull.esit.app.Cashier.Cashier (
    String name) [inline]
```

Constructor con nombre del cajero.

Muestra un mensaje de bienvenida personalizado.

Parameters

<code>name</code>	nombre del cajero que inicio la sesión
-------------------	--

Definition at line 38 of file [Cashier.java](#).

```
00038     {
00039         this(new es.ull.esit.app.middleware.ApiClient("http://localhost:8080"), name);
00040     }
```

8.5.2.3 Cashier() [3/3]

```
es.ull.esit.app.Cashier.Cashier (
    es.ull.esit.app.middleware.ApiClient apiClient,
    String... optionalName) [inline]
```

Constructor que recibe un [ApiClient](#) y opcionalmente el nombre del cajero.

Definition at line 45 of file [Cashier.java](#).

```
00045     {
00046         initComponents();
00047         this.api = apiClient == null ? new
00048             es.ull.esit.app.middleware.ApiClient("http://localhost:8080") : apiClient;
00049         String name = (optionalName != null && optionalName.length>0) ? optionalName[0] : null;
00050         if (name == null || name.isEmpty()) {
00051             welcomeTxt.setText("Welcome Cashier,");
00052         } else {
00053             welcomeTxt.setText("Welcome " + name);
00054         }
00055     }
```

References [initComponents\(\)](#), and [welcomeTxt](#).

Here is the call graph for this function:



8.5.3 Member Function Documentation

8.5.3.1 initComponents()

```
void es.ull.esit.app.Cashier.initComponents () [inline], [private]
```

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.
Manejador del botón "About us".

Al pulsar este botón, se abre la ventana de información ([Info](#)).

Parameters

evt	Evento de acción generado por el botón.
-----	---

Returns

void

Manejador del botón "Menu".

Al pulsar este botón, se abre la ventana del menú ([Frame1](#)).

Parameters

evt	Evento de acción generado por el botón.
-----	---

Returns

void

Manejador del botón "LogOut".

Al pulsar este botón, se cierra la sesión actual y se vuelve a la ventana de login ([Login](#)).
Generated by Doxygen

Parameters

evt	Evento de acción generado por el botón.
-----	---

Returns

void

Definition at line 63 of file [Cashier.java](#).

```

00063                     {
00064
00065             jPanell = new javax.swing.JPanel();
00066             welcomeTxt = new javax.swing.JLabel();
00067             jButton1 = new javax.swing.JButton();
00068             jButton2 = new javax.swing.JButton();
00069             jLabell = new javax.swing.JLabel();
00070             jButton3 = new javax.swing.JButton();
00071
00072             setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00073             setTitle("Cashier");
00074             setResizable(false);
00075
00076             jPanell.setBackground(new java.awt.Color(248, 244, 230));
00077
00078             welcomeTxt.setFont(new java.awt.Font("Yu Gothic UI", 1, 24)); // NOI18N
00079             welcomeTxt.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00080             welcomeTxt.setText("Welcome Cashier");
00081
00082             jButton1.setBackground(new java.awt.Color(153, 153, 153));
00083             jButton1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00084             jButton1.setText("About us");
00085             jButton1.addActionListener(new java.awt.event.ActionListener() {
00086                 public void actionPerformed(java.awt.event.ActionEvent evt) {
00087                     jButton1ActionPerformed(evt);
00088                 }
00089             });
00090
00091             jButton2.setBackground(new java.awt.Color(153, 153, 153));
00092             jButton2.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00093             jButton2.setText("Menu");
00094             jButton2.addActionListener(new java.awt.event.ActionListener() {
00095                 public void actionPerformed(java.awt.event.ActionEvent evt) {
00096                     jButton2ActionPerformed(evt);
00097                 }
00098             });
00099
00100             jLabell.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); // NOI18N
00101
00102             jButton3.setBackground(new java.awt.Color(255, 255, 255));
00103             jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00104             jButton3.setText("LogOut");
00105             jButton3.addActionListener(new java.awt.event.ActionListener() {
00106                 public void actionPerformed(java.awt.event.ActionEvent evt) {
00107                     jButton3ActionPerformed(evt);
00108                 }
00109             });
00110
00111             javax.swing.GroupLayout jPanellLayout = new javax.swing.GroupLayout(jPanell);
00112             jPanell.setLayout(jPanellLayout);
00113             jPanellLayout.setHorizontalGroup(
00114                 jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00115                     .addGroup(jPanellLayout.createSequentialGroup()
00116                         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00117                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 109, Short.MAX_VALUE)
00118                         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00119                         .addGap(18, 18, 18)
00120                         .addComponent(jLabell, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00121                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 109, Short.MAX_VALUE)
00122                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00123                     .addContainerGap())
00124             );
00125             jPanellLayout.setVerticalGroup(
00126                 jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00127                     .addGroup(jPanellLayout.createSequentialGroup()
00128                         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00129                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 109, Short.MAX_VALUE)
00130                         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00131                         .addGap(18, 18, 18)
00132                         .addComponent(jLabell, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00133                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 109, Short.MAX_VALUE)
00134                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00135                     .addContainerGap())
00136             );
00137
00138             jPanellLayout.setHorizontalGroup(
00139                 jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00140                     .addGroup(jPanellLayout.createSequentialGroup()
00141                         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00142                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 109, Short.MAX_VALUE)
00143                         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00144                         .addGap(18, 18, 18)
00145                         .addComponent(jLabell, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00146                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 109, Short.MAX_VALUE)
00147                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 320, javax.swing.GroupLayout.PREFERRED_SIZE)
00148                     .addContainerGap())
00149             );
00150
00151         
```

```

00151             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00152                 jPanellLayout.createSequentialGroup()
00153                     .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
00154                         javax.swing.GroupLayout.PREFERRED_SIZE)
00155                     .addGap(190, 190, 190))))
00156             .addGroup(jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00157                 .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00158                     jPanellLayout.createSequentialGroup()
00159                         .addContainerGap(108, Short.MAX_VALUE)
00160                         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
00161                             javax.swing.GroupLayout.PREFERRED_SIZE)
00162                         .addGap(99, 99, 99)))
00163         );
00164         jPanellLayout.setVerticalGroup(
00165             jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00166                 .addGroup(jPanellLayout.createSequentialGroup()
00167                     .addGap(45, 45, 45)
00168                     .addComponent(welcomeTxt, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
00169                         javax.swing.GroupLayout.PREFERRED_SIZE)
00170                         .addGap(18, 18, 18)
00171                         .addComponent(jLabel1)
00172                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 99,
00173                             Short.MAX_VALUE)
00174                     .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00175                         javax.swing.GroupLayout.PREFERRED_SIZE)
00176                         .addGap(57, 57, 57)
00177                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00178                             javax.swing.GroupLayout.PREFERRED_SIZE)
00179                         .addGap(68, 68, 68)
00180                     .addGroup(jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00181                         .addGroup(jPanellLayout.Alignment.TRAILING,
00182                             jPanellLayout.createSequentialGroup()
00183                                 .addComponent(jPanell1, javax.swing.GroupLayout.DEFAULT_SIZE,
00184                                     javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00185                             );
00186                         layout.setVerticalGroup(
00187                             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00188                             .addComponent(jPanell1, javax.swing.GroupLayout.DEFAULT_SIZE,
00189                                 javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00190                             );
00191                         pack();
00192                         setLocationRelativeTo(null);
00193                     } // </editor-fold> //GEN-END:initComponents

```

References [initComponents\(\)](#), [jButton1](#), [jButton2](#), [jButton3](#), [jLabel1](#), [jPanell1](#), and [welcomeTxt](#).

Referenced by [Cashier\(\)](#), and [initComponents\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.5.3.2 jButton1ActionPerformed()

```
void es.ull.esit.app.Cashier.jButton1ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Acción para abrir la ventana "About us".

Parameters

<i>evt</i>	evento de acción del botón
------------	----------------------------

Definition at line 201 of file [Cashier.java](#).

```
00201     { //GEN-FIRST:event_jButton1ActionPerformed
00202         // If you want to show cashier info instead of generic info
00203         new Thread(() -> {
00204             try {
00205                 // Example: get cashier data
00206                 List<es.ull.esit.app.middleware.model.Cashier> cashiers = api.getAllCashiers();
00207                 System.out.println("Found " + cashiers.size() + " cashiers");
00208             } catch (Exception ex) {
00209                 System.err.println("Error getting cashiers: " + ex.getMessage());
00210             }
00211             javax.swing.SwingUtilities.invokeLater(() -> {
00212                 new Info().setVisible(true);
00213                 dispose();
00214             });
00215         }).start();
00216     } //GEN-LAST:event_jButton1ActionPerformed
```

References [api](#).

8.5.3.3 jButton2ActionPerformed()

```
void es.ull.esit.app.Cashier.jButton2ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Definition at line 218 of file [Cashier.java](#).

```
00218     { //GEN-FIRST:event_jButton2ActionPerformed
00219         // Load menu items using new CRUD methods
00220         new Thread(() -> {
00221             try {
00222                 List<es.ull.esit.app.middleware.model.Appetizer> appetizers = api.getAllAppetizers();
00223                 List<es.ull.esit.app.middleware.model.Drink> drinks = api.getAllDrinks();
```

```

00224         List<es.ull.esit.app.middleware.model.MainCourse> mainCourses =
00225             api.getAllMainCourses();
00226
00227             System.out.println("Menu loaded: " + appetizers.size() + " appetizers, " +
00228                 drinks.size() + " drinks, " + mainCourses.size() + " main courses");
00229         } catch (Exception ex) {
00230             System.err.println("Error loading menu: " + ex.getMessage());
00231         }
00232         javax.swing.SwingUtilities.invokeLater(() -> {
00233             new Frame1().setVisible(true);
00234             dispose();
00235         });
00236     } //GEN-LAST:event_jButton2ActionPerformed

```

References [api](#).

8.5.3.4 jButton3ActionPerformed()

```

void es.ull.esit.app.Cashier.jButton3ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]

```

Acción para cerrar sesión y volver al login.

Parameters

<i>evt</i>	evento de acción del botón
------------	----------------------------

Definition at line 243 of file [Cashier.java](#).

```

00243
00244     { //GEN-FIRST:event_jButton3ActionPerformed
00245         // Opcional: notificar al middleware del logout
00246         new Thread(() -> {
00247             try {
00248                 api.login(""); // simple ping/logout placeholder
00249             } catch (Exception ex) {
00250                 // ignora
00251             }
00252             javax.swing.SwingUtilities.invokeLater(() -> {
00253                 new Login().setVisible(true);
00254                 dispose();
00255             });
00256         }).start();
00257     } //GEN-LAST:event_jButton3ActionPerformed

```

References [api](#).

8.5.3.5 main()

```

void es.ull.esit.app.Cashier.main (
    String args[]) [inline], [static]

```

Punto de entrada para ejecutar esta ventana de forma independiente.

Parameters

<i>args</i>	argumentos de línea de comandos (no se usan)
-------------	--

Definition at line 263 of file [Cashier.java](#).

```

00263
00264     /* Set the Nimbus look and feel */

```

```

00265      //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00266      /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00267      * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00268      */
00269      try {
00270          for (javax.swing.UIManager.LookAndFeelInfo info :
00271              javax.swing.UIManager.getInstalledLookAndFeels()) {
00272              if ("Nimbus".equals(info.getName())) {
00273                  javax.swing.UIManager.setLookAndFeel(info.getClassName());
00274                  break;
00275              }
00276          } catch (ClassNotFoundException ex) {
00277              java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00278              ex);
00279          } catch (InstantiationException ex) {
00280              java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00281              ex);
00282          } catch (IllegalAccessException ex) {
00283              java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00284              ex);
00285          } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00286              java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00287              ex);
00288          /* Create and display the form */
00289          java.awt.EventQueue.invokeLater(new Runnable() {
00290              public void run() {
00291                  new Cashier().setVisible(true);
00292              }
00293          });
}

```

References [Cashier\(\)](#).

Here is the call graph for this function:



8.5.4 Member Data Documentation

8.5.4.1 api

`es.ull.esit.app.middleware.ApiClient es.ull.esit.app.Cashier.api [private]`

Cliente HTTP usado para comunicarse con el middleware REST.

Definition at line 23 of file [Cashier.java](#).

Referenced by [jButton1ActionPerformed\(\)](#), [jButton2ActionPerformed\(\)](#), and [jButton3ActionPerformed\(\)](#).

8.5.4.2 jButton1

```
javax.swing.JButton es.ull.esit.app.Cashier(jButton1 [private]
```

Botón "About us" para ver información del restaurante.

Definition at line 297 of file [Cashier.java](#).

Referenced by [initComponents\(\)](#).

8.5.4.3 jButton2

```
javax.swing.JButton es.ull.esit.app.Cashier(jButton2 [private]
```

Botón para abrir el menú ([Frame1](#)).

Definition at line 299 of file [Cashier.java](#).

Referenced by [initComponents\(\)](#).

8.5.4.4 jButton3

```
javax.swing.JButton es.ull.esit.app.Cashier(jButton3 [private]
```

Botón para cerrar sesión (LogOut).

Definition at line 301 of file [Cashier.java](#).

Referenced by [initComponents\(\)](#).

8.5.4.5 jLabel1

```
javax.swing.JLabel es.ull.esit.app.Cashier(jLabel1 [private]
```

Imagen/logo mostrado en la ventana.

Definition at line 303 of file [Cashier.java](#).

Referenced by [initComponents\(\)](#).

8.5.4.6 jPanel1

```
javax.swing.JPanel es.ull.esit.app.Cashier(jPanel1 [private]
```

Panel contenedor principal.

Definition at line 305 of file [Cashier.java](#).

Referenced by [initComponents\(\)](#).

8.5.4.7 welcomeTxt

```
javax.swing.JLabel es.ull.esit.app.Cashier.welcomeTxt [private]
```

Etiqueta para mostrar el texto de bienvenida al cajero.

Definition at line 307 of file [Cashier.java](#).

Referenced by [Cashier\(\)](#), and [initComponents\(\)](#).

The documentation for this class was generated from the following file:

- [Cashier.java](#)

8.6 es.ull.esit.app.middleware.model.Cashier Class Reference

[Cashier](#) model class.

Collaboration diagram for es.ull.esit.app.middleware.model.Cashier:

es.ull.esit.app.middleware.model. Cashier	
-	id
-	name
-	salary
+	Cashier()
+	Cashier()
+	getId()
+	setId()
+	getName()
+	setName()
+	getSalary()
+	setSalary()

Public Member Functions

- [Cashier \(\)](#)
- [Cashier \(Long id, String name, Integer salary\)](#)

Constructor with parameters.

- Long [getId \(\)](#)

Getters and Setters.

- void [setId \(Long id\)](#)

- Set ID.
 - String [getName \(\)](#)
Get name.
 - void [setName \(String name\)](#)
Set name.
 - Integer [getSalary \(\)](#)
Get salary.
 - void [setSalary \(Integer salary\)](#)
Set salary.

Private Attributes

- Long [id](#)
- String [name](#)
- Integer [salary](#)

8.6.1 Detailed Description

[Cashier](#) model class.

Definition at line 8 of file [middleware/model/Cashier.java](#).

8.6.2 Constructor & Destructor Documentation

8.6.2.1 [Cashier\(\)](#) [1/2]

`es.ull.esit.app.middleware.model.Cashier.Cashier () [inline]`

Definition at line 18 of file [middleware/model/Cashier.java](#).

`00018 {}`

References [Cashier\(\)](#).

Referenced by [Cashier\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.6.2.2 Cashier() [2/2]

```
es.ull.esit.app.middleware.model.Cashier.Cashier (
    Long id,
    String name,
    Integer salary) [inline]
```

Constructor with parameters.

Parameters

<i>id</i>	the cashier ID
<i>name</i>	the cashier name
<i>salary</i>	the cashier salary

Definition at line 26 of file [middleware/model/Cashier.java](#).

```
00026
00027     this.id = id;
00028     this.name = name;
00029     this.salary = salary;
00030 }
```

References [id](#), [name](#), and [salary](#).

8.6.3 Member Function Documentation

8.6.3.1 getId()

```
Long es.ull.esit.app.middleware.model.Cashier.getId () [inline]
```

Getters and Setters.

Returns

values of the attributes

Definition at line 35 of file [middleware/model/Cashier.java](#).

```
00035 { return id; }
```

References [id](#).

8.6.3.2 getName()

```
String es.ull.esit.app.middleware.model.Cashier.getName () [inline]
```

Get name.

Returns

the cashier name

Definition at line 47 of file [middleware/model/Cashier.java](#).

```
00047 { return name; }
```

References [name](#).

8.6.3.3 getSalary()

```
Integer es.ull.esit.app.middleware.model.Cashier.getSalary () [inline]
```

Get salary.

Returns

the cashier salary

Definition at line 59 of file [middleware/model/Cashier.java](#).

```
00059 { return salary; }
```

References [salary](#).

8.6.3.4 setId()

```
void es.ull.esit.app.middleware.model.Cashier.setId (
    Long id) [inline]
```

Set ID.

Parameters

<i>id</i>	the cashier ID
-----------	----------------

Definition at line 41 of file [middleware/model/Cashier.java](#).

```
00041 { this.id = id; }
```

References [id](#).

8.6.3.5 setName()

```
void es.ull.esit.app.middleware.model.Cashier.setName (
    String name) [inline]
```

Set name.

Parameters

<code>name</code>	the cashier name
-------------------	------------------

Definition at line 53 of file [middleware/model/Cashier.java](#).

```
00053 { this.name = name; }
```

References [name](#).

8.6.3.6 `setSalary()`

```
void es.ull.esit.app.middleware.model.Cashier.setSalary (
    Integer salary) [inline]
```

Set salary.

Parameters

<code>salary</code>	the cashier salary
---------------------	--------------------

Definition at line 65 of file [middleware/model/Cashier.java](#).

```
00065 { this.salary = salary; }
```

References [salary](#).

8.6.4 Member Data Documentation

8.6.4.1 `id`

```
Long es.ull.esit.app.middleware.model.Cashier.id [private]
```

Definition at line 10 of file [middleware/model/Cashier.java](#).

Referenced by [Cashier\(\)](#), [getId\(\)](#), and [setId\(\)](#).

8.6.4.2 `name`

```
String es.ull.esit.app.middleware.model.Cashier.name [private]
```

Definition at line 13 of file [middleware/model/Cashier.java](#).

Referenced by [Cashier\(\)](#), [getName\(\)](#), and [setName\(\)](#).

8.6.4.3 salary

```
Integer es.ull.esit.app.middleware.model.Cashier.salary [private]
```

Definition at line 16 of file [middleware/model/Cashier.java](#).

Referenced by [Cashier\(\)](#), [getSalary\(\)](#), and [setSalary\(\)](#).

The documentation for this class was generated from the following file:

- [middleware/model/Cashier.java](#)

8.7 es.ull.esit.app.middleware.model.Drink Class Reference

[Drink](#) model class.

Collaboration diagram for es.ull.esit.app.middleware.model.Drink:

es.ull.esit.app.middleware.model. Drink	
-	drinksId
-	itemDrinks
-	drinksPrice
-	receiptId
+	Drink()
+	Drink()
+	getDrinksId()
+	setDrinksId()
+	getItemDrinks()
+	setItemDrinks()
+	getDrinksPrice()
+	setDrinksPrice()
+	getReceiptId()
+	setReceiptId()

Public Member Functions

- [Drink \(\)](#)
- [Drink \(Long drinksId, String itemDrinks, Integer drinksPrice, Long receiptId\)](#)
Constructor with parameters.
- [Long getDrinksId \(\)](#)
Getters and Setters.
- [void setDrinksId \(Long drinksId\)](#)
Set drinks ID.
- [String getItemDrinks \(\)](#)
Get item drinks.
- [void setItemDrinks \(String itemDrinks\)](#)
Set item drinks.
- [Integer getDrinksPrice \(\)](#)
Get drinks price.
- [void setDrinksPrice \(Integer drinksPrice\)](#)
Set drinks price.
- [Long getReceiptId \(\)](#)
Get receipt ID.
- [void setReceiptId \(Long receiptId\)](#)
Set receipt ID.

Private Attributes

- [Long drinksId](#)
- [String itemDrinks](#)
- [Integer drinksPrice](#)
- [Long receiptId](#)

8.7.1 Detailed Description

[Drink](#) model class.

Definition at line 8 of file [Drink.java](#).

8.7.2 Constructor & Destructor Documentation

8.7.2.1 Drink() [1/2]

```
es.ull.esit.app.middleware.model.Drink.Drink () [inline]
```

Definition at line 21 of file [Drink.java](#).

```
00021 { }
```

References [Drink\(\)](#).

Referenced by [Drink\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.7.2.2 Drink() [2/2]

```
es.ull.esit.app.middleware.model.Drink.Drink (
    Long drinksId,
    String itemDrinks,
    Integer drinksPrice,
    Long receiptId) [inline]
```

Constructor with parameters.

Parameters

<code>drinksId</code>	the drinks ID
<code>itemDrinks</code>	the drink item name
<code>drinksPrice</code>	the drink price
<code>receiptId</code>	the receipt ID

Definition at line 30 of file [Drink.java](#).

```
00030
00031      this.drinksId = drinksId;
00032      this.itemDrinks = itemDrinks;
00033      this.drinksPrice = drinksPrice;
00034      this.receiptId = receiptId;
00035 }
```

References [drinksId](#), [drinksPrice](#), [itemDrinks](#), and [receiptId](#).

8.7.3 Member Function Documentation

8.7.3.1 getDrinksId()

```
Long es.ull.esit.app.middleware.model.Drink.getDrinksId () [inline]
```

Getters and Setters.

Returns

values of the attributes

Definition at line 41 of file [Drink.java](#).

```
00041 { return drinksId; }
```

References [drinksId](#).

8.7.3.2 getDrinksPrice()

```
Integer es.ull.esit.app.middleware.model.Drink.getDrinksPrice () [inline]
```

Get drinks price.

Returns

the drink price

Definition at line 65 of file [Drink.java](#).

```
00065 { return drinksPrice; }
```

References [drinksPrice](#).

Referenced by [es.ull.esit.app.adminProducts.jTable1MouseClicked\(\)](#).

Here is the caller graph for this function:



8.7.3.3 getItemDrinks()

```
String es.ull.esit.app.middleware.model.Drink.getItemDrinks () [inline]
```

Get item drinks.

Returns

the drink item name

Definition at line 53 of file [Drink.java](#).

```
00053 { return itemDrinks; }
```

References [itemDrinks](#).

Referenced by [es.ull.esit.app.adminProducts.jTable1MouseClicked\(\)](#).

Here is the caller graph for this function:



8.7.3.4 getReceiptId()

```
Long es.ull.esit.app.middleware.model.Drink.getReceiptId () [inline]
```

Get receipt ID.

Returns

the receipt ID

Definition at line 77 of file [Drink.java](#).

```
00077 { return receiptId; }
```

References [receiptId](#).

8.7.3.5 setDrinksId()

```
void es.ull.esit.app.middleware.model.Drink.setDrinksId (
    Long drinksId) [inline]
```

Set drinks ID.

Parameters

<i>drinksId</i>	the drinks ID
-----------------	---------------

Definition at line 47 of file [Drink.java](#).

```
00047 { this.drinksId = drinksId; }
```

References [drinksId](#).

8.7.3.6 setDrinksPrice()

```
void es.ull.esit.app.middleware.model.Drink.setDrinksPrice (
    Integer drinksPrice) [inline]
```

Set drinks price.

Parameters

<i>drinksPrice</i>	the drink price
--------------------	-----------------

Definition at line 71 of file [Drink.java](#).

```
00071 { this.drinksPrice = drinksPrice; }
```

References [drinksPrice](#).

8.7.3.7 setItemDrinks()

```
void es.ull.esit.app.middleware.model.Drink.setItemDrinks (
    String itemDrinks) [inline]
```

Set item drinks.

Parameters

<i>itemDrinks</i>	the drink item name
-------------------	---------------------

Definition at line 59 of file [Drink.java](#).

```
00059 { this.itemDrinks = itemDrinks; }
```

References [itemDrinks](#).

8.7.3.8 setReceiptId()

```
void es.ull.esit.app.middleware.model.Drink.setReceiptId (
    Long receiptId) [inline]
```

Set receipt ID.

Parameters

<i>receiptId</i>	the receipt ID
------------------	----------------

Definition at line 83 of file [Drink.java](#).

```
00083 { this.receiptId = receiptId; }
```

References [receiptId](#).

8.7.4 Member Data Documentation

8.7.4.1 drinksId

```
Long es.ull.esit.app.middleware.model.Drink.drinksId [private]
```

Definition at line 10 of file [Drink.java](#).

Referenced by [Drink\(\)](#), [getDrinksId\(\)](#), and [setDrinksId\(\)](#).

8.7.4.2 drinksPrice

```
Integer es.ull.esit.app.middleware.model.Drink.drinksPrice [private]
```

Definition at line 16 of file [Drink.java](#).

Referenced by [Drink\(\)](#), [getDrinksPrice\(\)](#), and [setDrinksPrice\(\)](#).

8.7.4.3 itemDrinks

```
String es.ull.esit.app.middleware.model.Drink.itemDrinks [private]
```

Definition at line 13 of file [Drink.java](#).

Referenced by [Drink\(\)](#), [getItemDrinks\(\)](#), and [setItemDrinks\(\)](#).

8.7.4.4 receiptId

```
Long es.ull.esit.app.middleware.model.Drink.receiptId [private]
```

Definition at line 19 of file [Drink.java](#).

Referenced by [Drink\(\)](#), [getReceiptId\(\)](#), and [setReceiptId\(\)](#).

The documentation for this class was generated from the following file:

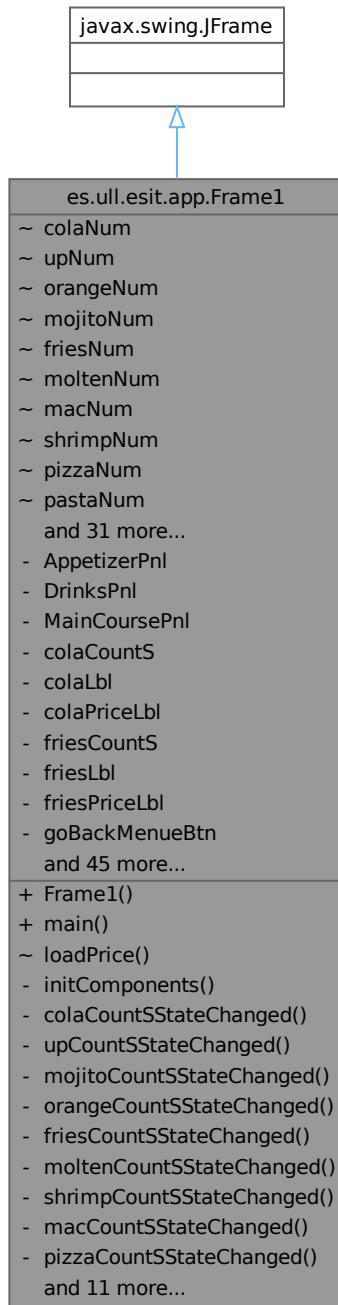
- [Drink.java](#)

8.8 es.uil.esit.app.Frame1 Class Reference

Inheritance diagram for es.ull.esit.app.Frame1:



Collaboration diagram for es.ull.esit.app.Frame1:



Public Member Functions

- [Frame1 \(\)](#)
Creates new form `Frame1`.

Static Public Member Functions

- static void [main \(String args\[\]\)](#)

Private Member Functions

- void `initComponents ()`
This method is called from within the constructor to initialize the form.
- void `colaCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the colaCountS spinner changes.
- void `upCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the upCountS spinner changes.
- void `mojitoCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the mojitoCountS spinner changes.
- void `orangeCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the orangeCountS spinner changes.
- void `friesCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the friesCountS spinner changes.
- void `moltenCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the moltenCountS spinner changes.
- void `shrimpCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the shrimpCountS spinner changes.
- void `macCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the macCounts spinner changes.
- void `pizzaCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the pizzaCountS spinner changes.
- void `pastaCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the pastaCountS spinner changes.
- void `spaghettiCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the spaghettiCountS spinner changes.
- void `salmonCountSStateChanged (javax.swing.event.ChangeEvent evt)`
Called when the state of the salmonCountS spinner changes.
- void `spaghettiSpicyActionPerformed (java.awt.event.ActionEvent evt)`
Called when the spaghettiSpicy checkbox is toggled.
- void `pizzaSpicyActionPerformed (java.awt.event.ActionEvent evt)`
Called when the pizzaSpicy checkbox is toggled.
- void `pastaChickenActionPerformed (java.awt.event.ActionEvent evt)`
Called when the pastaChicken checkbox is toggled.
- void `salmonRiceActionPerformed (java.awt.event.ActionEvent evt)`
Called when the salmonRice checkbox is toggled.
- void `payBtnActionPerformed (java.awt.event.ActionEvent evt)`
Called when the payBtn button is clicked.
- void `saveReceiptBtnActionPerformed (java.awt.event.ActionEvent evt)`
Called when the saveReceiptBtn button is clicked.
- void `newReceiptBtnActionPerformed (java.awt.event.ActionEvent evt)`
Called when the newReceiptBtn button is clicked.
- void `goBackMenueBtnActionPerformed (java.awt.event.ActionEvent evt)`
Called when the goBackMenueBtn button is clicked.

Private Attributes

- javax.swing.JPanel [AppetizerPnl](#)
Panel de aperitivos.
- javax.swing.JPanel [DrinksPnl](#)
Panel de bebidas.
- javax.swing.JPanel [MainCoursePnl](#)
Panel de platos principales.
- javax.swing.JSpinner [colaCountS](#)
Spinner para la cantidad de Cola.
- javax.swing.JLabel [colaLbl](#)
Etiqueta de Cola.
- javax.swing.JLabel [colaPriceLbl](#)
Precio calculado de Cola.
- javax.swing.JSpinner [friesCountS](#)
Spinner para las Truffel Fries.
- javax.swing.JLabel [friesLbl](#)
Etiqueta de Fries.
- javax.swing.JLabel [friesPriceLbl](#)
Precio calculado de Fries.
- javax.swing.JButton [goBackMenueBtn](#)
Botón para volver al menú de login.
- javax.swing.JLabel [jLabel1](#)
- javax.swing.JLabel [jLabel2](#)
- javax.swing.JPanel [jPanel1](#)
- javax.swing.JPanel [jPanel2](#)
- javax.swing.JSpinner [macCountS](#)
- javax.swing.JLabel [macLbl](#)
- javax.swing.JLabel [macPriceLbl](#)
- javax.swing.JSpinner [mojitoCountS](#)
- javax.swing.JLabel [mojitoLbl](#)
- javax.swing.JLabel [mojitoPriceLbl](#)
- javax.swing.JSpinner [moltenCountS](#)
- javax.swing.JLabel [moltenLbl](#)
- javax.swing.JLabel [moltenPriceLbl](#)
- javax.swing.JButton [newReceiptBtn](#)
Botón para crear nuevo recibo.
- javax.swing.JLabel [orangLbl](#)
- javax.swing.JSpinner [orangeCountS](#)
- javax.swing.JLabel [orangePriceLbl](#)
- javax.swing.JCheckBox [pastaChicken](#)
- javax.swing.JSpinner [pastaCountS](#)
- javax.swing.JLabel [pastaLbl](#)
- javax.swing.JLabel [pastaPriceLbl](#)
- javax.swing.JButton [payBtn](#)
Botón de pago.
- javax.swing.JSpinner [pizzaCountS](#)
- javax.swing.JLabel [pizzaLbl](#)
- javax.swing.JLabel [pizzaPriceLbl](#)
- javax.swing.JCheckBox [pizzaSpicy](#)
- javax.swing.JLabel [receiptNoLbl](#)
Etiqueta con número de recibo.
- javax.swing.JSpinner [salmonCountS](#)

- javax.swing.JLabel [salmonLbl](#)
- javax.swing.JLabel [salmonPriceLbl](#)
- javax.swing.JCheckBox [salmonRice](#)
- javax.swing.JButton [saveReceiptBtn](#)
Botón para guardar recibo en disco.
- javax.swing.JSpinner [shrimpCountS](#)
- javax.swing.JLabel [shrimpLbl](#)
- javax.swing.JLabel [shrimpPriceLbl](#)
- javax.swing.JSpinner [spaghettiCountS](#)
- javax.swing.JLabel [spaghettiLbl](#)
- javax.swing.JLabel [spaghettiPriceLbl](#)
- javax.swing.JCheckBox [spaghettiSpicy](#)
- javax.swing.JLabel [subTotalLbl](#)
Etiqueta de subtotal.
- javax.swing.JLabel [totalLbl](#)
Etiqueta de total.
- javax.swing.JSpinner [upCountS](#)
- javax.swing.JLabel [upLbl](#)
- javax.swing.JLabel [upPriceLbl](#)
- javax.swing.JLabel [vatLbl](#)

8.8.1 Detailed Description

Definition at line 19 of file [Frame1.java](#).

8.8.2 Constructor & Destructor Documentation

8.8.2.1 Frame1()

```
es.ull.esit.app.Frame1.Frame1 () [inline]
```

Creates new form [Frame1](#).

Definition at line 40 of file [Frame1.java](#).

```
00040           {  
00041             initComponents();  
00042         }
```

References [initComponents\(\)](#).

Referenced by [main\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.8.3 Member Function Documentation

8.8.3.1 colaCountSStateChanged()

```
void es.ull.esit.app.Frame1.colaCountSStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the colaCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Definition at line 1022 of file [Frame1.java](#).

```
01022     GEN-FIRST:event_colaCountsStateChanged // 
01023         colaNum = (Integer) colaCounts.getValue();
01024         cola_Price = colaCost * colaNum;
01025         colaPriceLbl.setText(cola_Price + " SR");
01026     } // GEN-LAST:event_colaCountsStateChanged
```

References [colaCountS](#), and [colaPriceLbl](#).

8.8.3.2 friesCountSStateChanged()

```
void es.ull.esit.app.Frame1.friesCountsStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the friesCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Definition at line 1068 of file [Frame1.java](#).

```
01068     GEN-FIRST:event_friesCountsStateChanged // 
01069         friesNum = (Integer) friesCounts.getValue();
01070         fries_Price = friesCost * friesNum;
01071         friesPriceLbl.setText(fries_Price + " SR");
01072     } // GEN-LAST:event_friesCountsStateChanged
```

References [friesCountS](#), and [friesPriceLbl](#).

8.8.3.3 goBackMenueBtnActionPerformed()

```
void es.ull.esit.app.Frame1.goBackMenueBtnActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Called when the goBackMenueBtn button is clicked.

Parameters

<code>evt</code>	the action event
------------------	------------------

Definition at line 1311 of file [Frame1.java](#).

```
01311     GEN-FIRST:event_goBackMenueBtnActionPerformed // 
01312         this.dispose();
01313         new Login().setVisible(true);
01314     } // GEN-LAST:event_goBackMenueBtnActionPerformed
```

8.8.3.4 initComponents()

```
void es.ull.esit.app.Frame1.initComponents () [inline], [private]
```

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. Called when the state of the colaCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Called when the state of the upCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Called when the state of the mojitoCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Called when the state of the orangeCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Called when the state of the friesCountS spinner changes.

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Parameters

<i>evt</i>	the change event
------------	------------------

Called when the state of the moltenCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Called when the state of the shrimpCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Called when the state of the macCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Called when the state of the pizzaCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Called when the state of the pastaCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Called when the state of the spaghettiCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Called when the state of the salmonCountS spinner changes.

Parameters

evt	the change event
-----	------------------

Called when the spaghettiSpicy checkbox is toggled.

Parameters

evt	the action event
-----	------------------

Called when the pizzaSpicy checkbox is toggled.

Parameters

evt	the action event
-----	------------------

Called when the pastaChicken checkbox is toggled.

Parameters

evt	the action event
-----	------------------

Called when the salmonRice checkbox is toggled.

Parameters

evt	the action event
-----	------------------

Called when the payBtn button is clicked.

Parameters

evt	the action event
-----	------------------

Called when the newReceiptBtn button is clicked.

Parameters

evt	the action event
-----	------------------

Called when the saveReceiptBtn button is clicked.

Parameters

evt	the action event
-----	------------------

Called when the goBackMenueBtn button is clicked.

Parameters

<code>evt</code>	the action event
------------------	------------------

Definition at line 60 of file [Frame1.java](#).

```

00060                     {
00061
00062         jPanel12 = new javax.swing.JPanel();
00063         DrinksPnl = new javax.swing.JPanel();
00064         colaLbl = new javax.swing.JLabel();
00065         upLbl = new javax.swing.JLabel();
00066         mojitoLbl = new javax.swing.JLabel();
00067         colaCounts = new javax.swing.JSpinner();
00068         upCounts = new javax.swing.JSpinner();
00069         mojitoCounts = new javax.swing.JSpinner();
00070         orangLbl = new javax.swing.JLabel();
00071         orangeCounts = new javax.swing.JSpinner();
00072         orangePriceLbl = new javax.swing.JLabel();
00073         upPriceLbl = new javax.swing.JLabel();
00074         colaPriceLbl = new javax.swing.JLabel();
00075         mojitoPriceLbl = new javax.swing.JLabel();
00076         AppetizerPnl = new javax.swing.JPanel();
00077         friesLbl = new javax.swing.JLabel();
00078         moltenLbl = new javax.swing.JLabel();
00079         shrimpLbl = new javax.swing.JLabel();
00080         friesCounts = new javax.swing.JSpinner();
00081         moltenCounts = new javax.swing.JSpinner();
00082         shrimpCounts = new javax.swing.JSpinner();
00083         macLbl = new javax.swing.JLabel();
00084         macCounts = new javax.swing.JSpinner();
00085         friesPriceLbl = new javax.swing.JLabel();
00086         moltenPriceLbl = new javax.swing.JLabel();
00087         macPriceLbl = new javax.swing.JLabel();
00088         shrimpPriceLbl = new javax.swing.JLabel();
00089         MainCoursePnl = new javax.swing.JPanel();
00090         pizzaLbl = new javax.swing.JLabel();
00091         pastaLbl = new javax.swing.JLabel();
00092         spaghettiLbl = new javax.swing.JLabel();
00093         pizzaCounts = new javax.swing.JSpinner();
00094         pastaCounts = new javax.swing.JSpinner();
00095         spaghettiCounts = new javax.swing.JSpinner();
00096         salmonLbl = new javax.swing.JLabel();
00097         salmonCounts = new javax.swing.JSpinner();
00098         pizzaPriceLbl = new javax.swing.JLabel();
00099         spaghettiPriceLbl = new javax.swing.JLabel();
00100         salmonPriceLbl = new javax.swing.JLabel();
00101         pastaPriceLbl = new javax.swing.JLabel();
00102         spaghettiSpicy = new javax.swing.JCheckBox();
00103         pizzaSpicy = new javax.swing.JCheckBox();
00104         pastaChicken = new javax.swing.JCheckBox();
00105         salmonRice = new javax.swing.JCheckBox();
00106         jPanell = new javax.swing.JPanel();
00107         subTotalLbl = new javax.swing.JLabel();
00108         vatLbl = new javax.swing.JLabel();
00109         totalLbl = new javax.swing.JLabel();
00110         receiptNoLbl = new javax.swing.JLabel();
00111         payBtn = new javax.swing.JButton();
00112         newReceiptBtn = new javax.swing.JButton();
00113         saveReceiptBtn = new javax.swing.JButton();
00114         jLabel1 = new javax.swing.JLabel();
00115         goBackMenueBtn = new javax.swing.JButton();
00116         jLabel2 = new javax.swing.JLabel();
00117
00118         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00119         setTitle("Menu");
00120         setBackground(new java.awt.Color(204, 204, 204));
00121         setResizable(false);
00122
00123         jPanel12.setBackground(new java.awt.Color(248, 244, 230));
00124
00125         DrinksPnl.setBackground(new java.awt.Color(248, 244, 230));
00126         DrinksPnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00127             new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Drinks",
00128             javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00129             new java.awt.Font("Yu Gothic UI", 0, 18))); // NOI18N
00130         DrinksPnl.setPreferredSize(new java.awt.Dimension(260, 278));
00131
00132         colaLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00133         colaLbl.setText("Cola");
00134
00135         upLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00136         upLbl.setText("7up");
00137

```



```

00239 .addComponent(orangeCounts,
00240     javax.swing.GroupLayout.PREFERRED_SIZE,
00241             javax.swing.GroupLayout.DEFAULT_SIZE,
00242             javax.swing.GroupLayout.PREFERRED_SIZE)
00243     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00244         .addComponent(orangePriceLbl))
00245     .addGroup(DrinksPnlLayout.createSequentialGroup())
00246         .addGap(15, 15, 15)
00247         .addComponent(mojitoLbl,
00248             javax.swing.GroupLayout.PREFERRED_SIZE, 95,
00249                 javax.swing.GroupLayout.PREFERRED_SIZE)
00250             javax.swing.GroupLayout.DEFAULT_SIZE,
00251             javax.swing.GroupLayout.PREFERRED_SIZE)
00252     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00253         .addComponent(mojitoPriceLbl)))
00254     .addContainerGap(14, Short.MAX_VALUE));
00255     DrinksPnlLayout.setVerticalGroup(
00256         DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00257             .addGroup(DrinksPnlLayout.createSequentialGroup()
00258                 .addGap(8, 8, 8)
00259             .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00260                 .addComponent(colaLbl)
00261                 .addGroup(DrinksPnlLayout
00262                     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00263                         .addComponent(colaPriceLbl)
00264                         .addComponent(colaCounts,
00265                             javax.swing.GroupLayout.PREFERRED_SIZE,
00266                                 javax.swing.GroupLayout.DEFAULT_SIZE,
00267                                 javax.swing.GroupLayout.PREFERRED_SIZE))
00268                     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00269                         .addComponent(upLbl)
00270                         .addGroup(DrinksPnlLayout
00271                             .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00272                                 .addComponent(upPriceLbl)
00273                                 .addComponent(upCounts,
00274                                     javax.swing.GroupLayout.PREFERRED_SIZE,
00275                                         javax.swing.GroupLayout.DEFAULT_SIZE,
00276                                         javax.swing.GroupLayout.PREFERRED_SIZE))
00277                     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00278                         .addComponent(orangLbl)
00279                         .addGroup(DrinksPnlLayout
00280                             .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00281                                 .addComponent(orangeCounts,
00282                                     javax.swing.GroupLayout.PREFERRED_SIZE,
00283                                         javax.swing.GroupLayout.DEFAULT_SIZE,
00284                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00285                         .addComponent(orangePriceLbl)))
00286                     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00287                         .addGroup(DrinksPnlLayout.createSequentialGroup()
00288                             .addGap(8, 8, 8)
00289                             .addComponent(mojitoLbl))
00290                         .addGroup(DrinksPnlLayout.createSequentialGroup()
00291                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00292                             .addGroup(DrinksPnlLayout
00293                                 .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00294                                     .addComponent(mojitoCounts,
00295                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00296                                         javax.swing.GroupLayout.DEFAULT_SIZE)
00297                                         .addComponent(mojitoPriceLbl)))
00298                                         .addContainerGap(28, Short.MAX_VALUE)));
00299     AppetizerPnl.setBackground(new java.awt.Color(248, 244, 230));
00300     AppetizerPnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00301         new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Appetizers",
00302         javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00303         new java.awt.Font("Yu Gothic UI", 0, 18))); // NOI18N
00304     AppetizerPnl.setPreferredSize(new java.awt.Dimension(260, 278));
00305

```



```
00407                               .addComponent(shrimpPriceLbl))
00408                               .addGroup(AppetizerPnlLayout.createSequentialGroup())
00409                               .addComponent(moltenLbl,
00410                                   javax.swing.GroupLayout.DEFAULT_SIZE,
00411                                   Short.MAX_VALUE)
00412                               .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00413                               .addComponent(moltenCounts,
00414                                   javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00415                                   javax.swing.GroupLayout.PREFERRED_SIZE)
00416                               .addGroup(AppetizerPnlLayout.createSequentialGroup())
00417                               .addComponent(macLbl)
00418
00419                               .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00420                                   javax.swing.GroupLayout.DEFAULT_SIZE,
00421                                   Short.MAX_VALUE)
00422                               .addComponent(macCounts,
00423                                   javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00424                                   javax.swing.GroupLayout.PREFERRED_SIZE)
00425                               .addGroup(AppetizerPnlLayout.setVerticalGroup(
00426                                   AppetizerPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00427                                   .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00428                                       AppetizerPnlLayout.createSequentialGroup()
00429                                       .addComponent(macPriceLbl)))
00430                               .addContainerGap()));
00431                               AppetizerPnlLayout.setVerticalGroup(
00432                                   AppetizerPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00433                                   .addGroup(AppetizerPnlLayout
00434                                       .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00435                                       .addComponent(friesLbl,
00436                                           javax.swing.GroupLayout.PREFERRED_SIZE, 20,
00437                                           javax.swing.GroupLayout.PREFERRED_SIZE)
00438                                       .addGroup(AppetizerPnlLayout
00439                                           .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00440                                           .addComponent(friesCounts,
00441                                               javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00442                                               javax.swing.GroupLayout.PREFERRED_SIZE)
00443                                           .addComponent(friesPriceLbl)))
00444                               .addGroup(AppetizerPnlLayout
00445                                   .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00446                                   .addComponent(moltenCounts,
00447                                       javax.swing.GroupLayout.DEFAULT_SIZE,
00448                                       javax.swing.GroupLayout.PREFERRED_SIZE)
00449                                   .addGroup(AppetizerPnlLayout
00450                                       .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00451                                       .addGroup(AppetizerPnlLayout.createSequentialGroup()
00452                                           .addComponent(macLbl))
00453                                       .addGroup(AppetizerPnlLayout.createSequentialGroup()
00454                                           .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00455                                           .addGroup(AppetizerPnlLayout
00456                                               .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00457                                               .addComponent(macPriceLbl)
00458                                               .addComponent(macCounts,
00459                                                   javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00460                                                   javax.swing.GroupLayout.PREFERRED_SIZE)))
00461                                               .addGroup(AppetizerPnlLayout
00462                                                   .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00463                                                   .addComponent(shrimpLbl)
00464                                                   .addGroup(AppetizerPnlLayout
00465                                                       .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00466                                                       .addComponent(shrimpCounts,
00467                                                       javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00468                                                       javax.swing.GroupLayout.PREFERRED_SIZE)
00469                                                   .addComponent(shrimpPriceLbl)))
00470                               .addContainerGap());
```

```
00471 MainCoursePnl.setBackground(new java.awt.Color(248, 244, 230));
00472 MainCoursePnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00473         new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Main
00474             Course",
00475                 javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00476                     new java.awt.Font("Yu Gothic UI", 0, 18))); // NOI18N
00477 MainCoursePnl.setPreferredSize(new java.awt.Dimension(260, 278));
00478
00479 pizzaLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00480 pizzaLbl.setText("Buratta Pizza");
00481
00482 pastaLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00483 pastaLbl.setText("Pink Pasta");
00484 pastaLbl.setToolTipText("");
00485
00486 spaghettiLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00487 spaghettiLbl.setText("Spaghetti");
00488
00489 pizzaCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00490 pizzaCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00491 pizzaCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00492     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00493         pizzaCountSStateChanged(evt);
00494     }
00495 });
00496
00497 pastaCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00498 pastaCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00499 pastaCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00500     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00501         pastaCountSStateChanged(evt);
00502     }
00503 });
00504
00505 spaghettiCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00506 spaghettiCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00507 spaghettiCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00508     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00509         spaghettiCountSStateChanged(evt);
00510     }
00511 });
00512
00513 spaghettiCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00514 spaghettiCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00515 spaghettiCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00516     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00517         spaghettiCountSStateChanged(evt);
00518     }
00519 });
00520
00521 salmonLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00522 salmonLbl.setText("Rosemary Salmon");
00523
00524 salmonCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00525 salmonCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00526 salmonCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00527     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00528         salmonCountSStateChanged(evt);
00529     }
00530 });
00531
00532 pizzaPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00533 pizzaPriceLbl.setText("0.0 SR");
00534
00535 spaghettiPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00536 spaghettiPriceLbl.setText("0.0 SR");
00537
00538 salmonPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00539 salmonPriceLbl.setText("0.0 SR");
00540
00541 pastaPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00542 pastaPriceLbl.setText("0.0 SR");
00543
00544 spaghettiSpicy.setBackground(new java.awt.Color(255, 255, 255));
00545 spaghettiSpicy.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00546 spaghettiSpicy.setText("Spicy");
00547 spaghettiSpicy.addActionListener(new java.awt.event.ActionListener() {
00548     public void actionPerformed(java.awt.event.ActionEvent evt) {
00549         spaghettiSpicyActionPerformed(evt);
00550     }
00551 });
00552
00553 pizzaSpicy.setBackground(new java.awt.Color(255, 255, 255));
00554 pizzaSpicy.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00555 pizzaSpicy.setText("Spicy");
00556 pizzaSpicy.addActionListener(new java.awt.event.ActionListener() {
00557     public void actionPerformed(java.awt.event.ActionEvent evt) {
00558         pizzaSpicyActionPerformed(evt);
00559     }
00560 });
00561
00562 pastaChicken.setBackground(new java.awt.Color(255, 255, 255));
00563 pastaChicken.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00564 pastaChicken.setText("Chicken");
00565 pastaChicken.addActionListener(new java.awt.event.ActionListener() {
```



```

00659
00660     javax.swing.GroupLayout.Alignment.TRAILING,
00661     MainCoursePnlLayout
00662     .createSequentialGroup()
00663     .addPreferredGap(
00664         javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00665         javax.swing.GroupLayout.DEFAULT_SIZE,
00666         Short.MAX_VALUE)
00667     .addGroup(
00668         MainCoursePnlLayout
00669         .createParallelGroup(
00670             javax.swing.GroupLayout.Alignment.LEADING)
00671         .addComponent(
00672             salmonRice)
00673         .addComponent(
00674             pastaChicken)
00675         .addComponent(
00676             spaghettiSpicy))
00677         .addGap(18, 18, 18)))
00678                                         .addComponent(pizzaPriceLbl))
00679     .addGroup(MainCoursePnlLayout.createSequentialGroup())
00680     .addGroup(MainCoursePnlLayout.createParallelGroup(
00681         javax.swing.GroupLayout.Alignment.TRAILING)
00682                                         .addComponent(spaghettiCounts,
00683                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00684                                         74,
00685                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00686                                         .addComponent(salmonCounts,
00687                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00688                                         74,
00689                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00690                                         .addComponent(pastaCounts,
00691                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00692                                         javax.swing.GroupLayout.DEFAULT_SIZE,
00693                                         javax.swing.GroupLayout.PREFERRED_SIZE))
00694                                         .addPreferredGap(
00695                                         javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00696                                         javax.swing.GroupLayout.DEFAULT_SIZE,
00697                                         Short.MAX_VALUE)
00698     .addGroup(MainCoursePnlLayout.createParallelGroup(
00699         javax.swing.GroupLayout.Alignment.LEADING)
00700                                         .addComponent(pastaPriceLbl,
00701                                         javax.swing.GroupLayout.Alignment.TRAILING)
00702                                         .addComponent(salmonPriceLbl,
00703                                         javax.swing.GroupLayout.Alignment.TRAILING)
00704     .addComponent(spaghettiPriceLbl,
00705     javax.swing.GroupLayout.Alignment.TRAILING))))))
00706                                         .addContainerGap(21, Short.MAX_VALUE));
00707     MainCoursePnlLayout.setVerticalGroup(
00708         MainCoursePnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00709         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, MainCoursePnlLayout

```

```
00710             .createSequentialGroup()
00711             .addGroup(MainCoursePnlLayout
00712 
00713     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00714         .addGroup(MainCoursePnlLayout.createSequentialGroup()
00715             .addGap(46, 46, 46)
00716             .addComponent(pizzaPriceLbl)
00717 
00718     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00719         .addComponent(pastaPriceLbl)
00720             .addGap(13, 13, 13)
00721             .addGroup(MainCoursePnlLayout.createSequentialGroup()
00722                 .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00723                     Short.MAX_VALUE)
00724             .addGroup(MainCoursePnlLayout
00725 
00726     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00727         .addGroup(MainCoursePnlLayout.createSequentialGroup()
00728             .addGap(5, 5, 5)
00729             .addComponent(pizzaLbl))
00730             .addGroup(MainCoursePnlLayout
00731 
00732     javax.swing.GroupLayout.BASELINE)
00733         .addComponent(pizzaSpicy)
00734         .addComponent(pizzaCounts,
00735 
00736     javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00737     javax.swing.GroupLayout.PREFERRED_SIZE)))
00738         .addGroup(MainCoursePnlLayout
00739 
00740     javax.swing.GroupLayout.BASELINE)
00741         .addComponent(pastaLbl)
00742         .addComponent(pastaCounts,
00743 
00744     javax.swing.GroupLayout.PREFERRED_SIZE,
00745     javax.swing.GroupLayout.PREFERRED_SIZE)))
00746         .addGroup(MainCoursePnlLayout.createSequentialGroup()
00747             .addGap(3, 3, 3)
00748             .addComponent(pastaChicken)))
00749             .addGroup(MainCoursePnlLayout
00750 
00751     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00752         .addComponent(salmonLbl)
00753         .addComponent(salmonCounts,
00754     javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00755         javax.swing.GroupLayout.PREFERRED_SIZE)
00756         .addComponent(salmonPriceLbl)
00757         .addComponent(salmonRice))
00758         .addGroup(MainCoursePnlLayout.createSequentialGroup()
00759             .addGap(5, 5, 5)
00760             .addGroup(MainCoursePnlLayout
00761 
00762     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00763         .addComponent(spaghettiLbl)
00764         .addGroup(MainCoursePnlLayout
00765 
00766     javax.swing.GroupLayout.BASELINE)
00767         .addComponent(spaghettiSpicy)
00768         .addComponent(spaghettiCounts,
00769 
00770     javax.swing.GroupLayout.PREFERRED_SIZE,
00771     javax.swing.GroupLayout.DEFAULT_SIZE,
00772     javax.swing.GroupLayout.PREFERRED_SIZE)))
00773         .addGroup(MainCoursePnlLayout.createSequentialGroup()
```



```

00938 .addGap(18, 18, 18)
00939 .addComponent(jLabel1,
00940 javax.swing.GroupLayout.PREFERRED_SIZE, 433,
00941 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00942 .addContainerGap())
00943 .addGroup(jPanel2Layout.createSequentialGroup())
00944 .addGap(40, 40, 40)
00945 .addComponent(DrinksPnl, javax.swing.GroupLayout.PREFERRED_SIZE, 293,
00946 javax.swing.GroupLayout.PREFERRED_SIZE)
00947 .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00948 Short.MAX_VALUE));
00949 jPanel2Layout.setVerticalGroup(
00950 jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00951 .addGroup(jPanel2Layout.createSequentialGroup()
00952 .addContainerGap(16, Short.MAX_VALUE)
00953 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00954 .addGroup(jPanel2Layout.createSequentialGroup()
00955 .addComponent(jLabel2)
00956 .addGap(18, 18, 18)
00957 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00958 jPanel2Layout.createSequentialGroup()
00959 .addComponent(jLabel1,
00960 javax.swing.GroupLayout.PREFERRED_SIZE, 60,
00961 javax.swing.GroupLayout.PREFERRED_SIZE)
00962 .addGroup(jPanel2Layout
00963 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
00964 .addComponent(AppetizerPnl,
00965 javax.swing.GroupLayout.DEFAULT_SIZE, 210,
00966 Short.MAX_VALUE)
00966 .addComponent(MainCoursePnl,
00967 javax.swing.GroupLayout.DEFAULT_SIZE, 210,
00968 Short.MAX_VALUE)
00968 .addComponent(DrinksPnl, javax.swing.GroupLayout.DEFAULT_SIZE,
00969 210,
00969 Short.MAX_VALUE))
00970 .addGap(18, 18, 18)
00971 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00972 .addGroup(jPanel2Layout.createSequentialGroup()
00973 .createSequentialGroup()
00974 .addComponent(goBackMenueBtn,
00975 javax.swing.GroupLayout.PREFERRED_SIZE, 40, javax.swing.GroupLayout.PREFERRED_SIZE)
00976 .addGap(14, 14, 14)
00977 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00978 jPanel2Layout.createSequentialGroup()
00979 .addComponent(jPanel1,
00980 javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
00981 javax.swing.GroupLayout.PREFERRED_SIZE)
00982 .addGroup(jPanel2Layout.createSequentialGroup()
00983 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00984 .createSequentialGroup()
00985 .addGroup(jPanel2Layout
00986 .createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
00987 .addComponent(payBtn,
00987 javax.swing.GroupLayout.PREFERRED_SIZE, 70,
00988 javax.swing.GroupLayout.PREFERRED_SIZE)
00989 .addGroup(jPanel2Layout.createSequentialGroup()
00990 .addComponent(newReceiptBtn,
00991 javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00992 javax.swing.GroupLayout.PREFERRED_SIZE)
00993 .addPreferredGap(
00994 javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00995 .addComponent(saveReceiptBtn,
00996 javax.swing.GroupLayout.PREFERRED_SIZE, 29,
00997 javax.swing.GroupLayout.PREFERRED_SIZE)));
00998 .addGap(50, 50, 50))))))
00999 javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
01000

```

```

01001     getContentPane().setLayout(layout);
01002     layout.setHorizontalGroup(
01003         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
01004             .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
01005                     javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
01006     layout.setVerticalGroup(
01007         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
01008             .addGroup(layout.createSequentialGroup()
01009                 .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
01010                         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
01011             .addGap(0, 0, 0)));
01012
01013     pack();
01014     setLocationRelativeTo(null);
01015 } // </editor-fold> //GEN-END: initComponents

```

References `AppetizerPnl`, `colaCountS`, `colaLbl`, `colaPriceLbl`, `DrinksPnl`, `friesCountS`, `friesLbl`, `friesPriceLbl`, `goBackMenueBtn`, `initComponents()`, `jLabel1`, `jLabel2`, `jPanel1`, `jPanel2`, `macCountS`, `macLbl`, `macPriceLbl`, `MainCoursePnl`, `mojitoCountS`, `mojitoLbl`, `mojitoPriceLbl`, `moltenCountS`, `moltenLbl`, `moltenPriceLbl`, `newReceiptBtn`, `orangeCountS`, `orangePriceLbl`, `orangLbl`, `pastaChicken`, `pastaCountS`, `pastaLbl`, `pastaPriceLbl`, `payBtn`, `pizzaCountS`, `pizzaLbl`, `pizzaPriceLbl`, `pizzaSpicy`, `receiptNoLbl`, `salmonCountS`, `salmonLbl`, `salmonPriceLbl`, `salmonRice`, `saveReceiptBtn`, `shrimpCountS`, `shrimpLbl`, `shrimpPriceLbl`, `spaghettiCountS`, `spaghettiLbl`, `spaghettiPriceLbl`, `spaghettiSpicy`, `subTotalLbl`, `totalLbl`, `upCountS`, `upLbl`, `upPriceLbl`, and `vatLbl`.

Referenced by `Frame1()`, and `initComponents()`.

Here is the call graph for this function:



Here is the caller graph for this function:



8.8.3.5 macCountSStateChanged()

```

void es.ull.esit.app.Frame1.macCountSStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]

```

Called when the state of the `macCountS` spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1101 of file [Frame1.java](#).

```
01101     GEN-FIRST:event_macCountsStateChanged
01102         macNum = (Integer) macCounts.getValue();
01103         mac_Price = macCost * macNum;
01104         macPriceLbl.setText(mac_Price + " SR");
01105     } // GEN-LAST:event_macCountsStateChanged
```

References [macCounts](#), and [macPriceLbl](#).

8.8.3.6 main()

```
void es.ull.esit.app.Frame1.main (
    String args[] ) [inline], [static]
```

Parameters

<code>args</code>	the command line arguments
-------------------	----------------------------

Definition at line 1319 of file [Frame1.java](#).

```
01319
01320     /* Set the Nimbus look and feel */
01321     // <editor-fold defaultstate="collapsed" desc=" Look and feel setting code
01322     // (optional) ">
01323     /*
01324      * If Nimbus (introduced in Java SE 6) is not available, stay with the default
01325      * look and feel.
01326      * For details see
01327      * http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
01328      */
01329     try {
01330         for (javax.swing.UIManager.LookAndFeelInfo info :
01331             javax.swing.UIManager.getInstalledLookAndFeels()) {
01332             if ("Nimbus".equals(info.getName())) {
01333                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
01334                 break;
01335             }
01336         } catch (ClassNotFoundException ex) {
01337             java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
01338             ex);
01339         } catch (InstantiationException ex) {
01340             java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
01341             ex);
01342         } catch (IllegalAccessException ex) {
01343             java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
01344             ex);
01345         } catch (javax.swing.UnsupportedLookAndFeelException ex) {
01346             java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
01347             ex);
01348         } // </editor-fold>
01349         /*
01350          * Create and display the form */
01351         java.awt.EventQueue.invokeLater(new Runnable() {
01352             public void run() {
01353                 new Frame1().setVisible(true);
01354             }
01355         });
01356     }
```

References [Frame1\(\)](#).

Here is the call graph for this function:



8.8.3.7 mojitoCountSStateChanged()

```
void es.ull.esit.app.Frame1.mojitoCountsStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the mojitoCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1046 of file [Frame1.java](#).

```
01046     GEN-FIRST:event_mojitoCountsStateChanged // 
01047         mojitoNum = (Integer) mojitoCounts.getValue();
01048         mojito_Price = mojitoCost * mojitoNum;
01049         mojitoPriceLbl.setText(mojito_Price + " SR");
01050     } // GEN-LAST:event_mojitoCountsStateChanged
```

References [mojitoCountS](#), and [mojitoPriceLbl](#).

8.8.3.8 moltenCountSStateChanged()

```
void es.ull.esit.app.Frame1.moltenCountsStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the moltenCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1079 of file [Frame1.java](#).

```
01079     GEN-FIRST:event_moltenCountsStateChanged // 
01080         moltenNum = (Integer) moltenCounts.getValue();
01081         molten_Price = moltenCost * moltenNum;
01082         moltenPriceLbl.setText(molten_Price + " SR");
01083     } // GEN-LAST:event_moltenCountsStateChanged
```

References [moltenCountS](#), and [moltenPriceLbl](#).

8.8.3.9 newReceiptBtnActionPerformed()

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```
void es.ull.esit.app.Frame1.newReceiptBtnActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Parameters

<code>evt</code>	the action event
------------------	------------------

Definition at line 1271 of file [Frame1.java](#).

```

01271     GEN-FIRST:event_newReceiptBtnActionPerformed
01272         if (total != 0) {
01273             colaCountS.setValue(0);
01274             upCountS.setValue(0);
01275             orangeCountS.setValue(0);
01276             mojitoCountS.setValue(0);
01277
01278             friesCountS.setValue(0);
01279             moltenCountS.setValue(0);
01280             macCountS.setValue(0);
01281             shrimpCountS.setValue(0);
01282
01283             pizzaCountS.setValue(0);
01284             pastaCountS.setValue(0);
01285             salmonCountS.setValue(0);
01286             spaghettiCountS.setValue(0);
01287
01288             pizzaSpicy.setSelected(false);
01289             pastaChicken.setSelected(false);
01290             salmonRice.setSelected(false);
01291             spaghettiSpicy.setSelected(false);
01292
01293             subTotalLbl.setText("SubTotal : 0.0 SR");
01294             vatLbl.setText("VAT included : 0.0 SR");
01295             totalLbl.setText("Total : 0.0 SR");
01296
01297             subTotal = 0;
01298             vat = 0;
01299             total = 0;
01300
01301             receiptNo++;
01302             receiptNoLbl.setText("ReceiptNo. :" + receiptNo);
01303
01304         }
01305     } // GEN-LAST:event_newReceiptBtnActionPerformed

```

References [colaCountS](#), [friesCountS](#), [macCountS](#), [mojitoCountS](#), [moltenCountS](#), [orangeCountS](#), [pastaChicken](#), [pastaCountS](#), [pizzaCountS](#), [pizzaSpicy](#), [receiptNoLbl](#), [salmonCountS](#), [salmonRice](#), [shrimpCountS](#), [spaghettiCountS](#), [spaghettiSpicy](#), [subTotalLbl](#), [totalLbl](#), [upCountS](#), and [vatLbl](#).

8.8.3.10 orangeCountSStateChanged()

```
void es.ull.esit.app.Frame1.orangeCountsStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the `orangeCountS` spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1057 of file [Frame1.java](#).

```

01057     GEN-FIRST:event_orangeCountsStateChanged
01058         orangeNum = (Integer) orangeCounts.getValue();
01059         orange_Price = orangeCost * orangeNum;
01060         orangePriceLbl.setText(orange_Price + " SR");
01061     } // GEN-LAST:event_orangeCountsStateChanged

```

References [orangeCountS](#), and [orangePriceLbl](#).

8.8.3.11 pastaChickenActionPerformed()

```
void es.ull.esit.app.Frame1.pastaChickenActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Called when the pastaChicken checkbox is toggled.

Parameters

<code>evt</code>	the action event
------------------	------------------

Definition at line 1184 of file [Frame1.java](#).

```
01184     GEN-FIRST:event_pastaChickenActionPerformed // 
01185         if (pastaChicken.isSelected()) {
01186             pasta_Price += pastaNum;
01187         } else {
01188             pasta_Price -= pastaNum;
01189         }
01190     pastaPriceLbl.setText(pasta_Price + " SR");
01191 } // GEN-LAST:event_pastaChickenActionPerformed
```

References [pastaChicken](#), and [pastaPriceLbl](#).

8.8.3.12 pastaCountSStateChanged()

```
void es.ull.esit.app.Frame1.pastaCountsStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the pastaCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1123 of file [Frame1.java](#).

```
01123     GEN-FIRST:event_pastaCountSStateChanged // 
01124         pastaNum = (Integer) pastaCountS.getValue();
01125         pasta_Price = pastaCost * pastaNum;
01126         pastaPriceLbl.setText(pasta_Price + " SR");
01127 } // GEN-LAST:event_pastaCountSStateChanged
```

References [pastaCountS](#), and [pastaPriceLbl](#).

8.8.3.13 payBtnActionPerformed()

```
void es.ull.esit.app.Frame1.payBtnActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Called when the payBtn button is clicked.

Parameters

<code>evt</code>	the action event
------------------	------------------

Definition at line 1212 of file [Frame1.java](#).

```
01212     GEN-FIRST:event_payBtnActionPerformed // 
01213         subTotal = cola_Price + up_Price + mojito_Price + orange_Price + molten_Price + mac_Price +
01214             fries_Price
01215             + shrimp_Price + pizza_Price + pasta_Price + salmon_Price + spaghetti_Price;
01216         subTotalLbl.setText("SubTotal " + subTotal + " SR");
01217         vat = subTotal * 0.15;
01218         vatLbl.setText("VAT included " + vat + " SR");
01219         total = subTotal + vat;
01220         totalLbl.setText("Total " + total + " SR");
01221         if (subTotal == 0) {
01222             JOptionPane.showMessageDialog(null, "Please select an item first!", null,
01223                 JOptionPane.INFORMATION_MESSAGE);
01224         } else {
01225             JOptionPane.showMessageDialog(null, "Paid successfully");
01226         }
01227     } // GEN-LAST:event_payBtnActionPerformed
```

References [subTotalLbl](#), [totalLbl](#), and [vatLbl](#).

8.8.3.14 pizzaCountSStateChanged()

```
void es.ull.esit.app.Frame1.pizzaCountsStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the `pizzaCountS` spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1112 of file [Frame1.java](#).

```
01112     GEN-FIRST:event_pizzaCountsStateChanged // 
01113         pizzaNum = (Integer) pizzaCounts.getValue();
01114         pizza_Price = pizzaCost * pizzaNum;
01115         pizzaPriceLbl.setText(pizza_Price + " SR");
01116     } // GEN-LAST:event_pizzaCountsStateChanged
```

References [pizzaCounts](#), and [pizzaPriceLbl](#).

8.8.3.15 pizzaSpicyActionPerformed()

```
void es.ull.esit.app.Frame1.pizzaSpicyActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Called when the `pizzaSpicy` checkbox is toggled.

Parameters

evt	the action event
-----	------------------

Definition at line 1170 of file Frame1.java.

```
01170 // GEN-FIRST:event_pizzaSpicyActionPerformed
01171     if (pizzaSpicy.isSelected()) {
01172         pizza_Price += pizzaNum;
01173     } else {
01174         pizza_Price -= pizzaNum;
01175     }
01176     pizzaPriceLbl.setText(pizza_Price + " SR");
01177 } // GEN-LAST:event_pizzaSpicyActionPerformed
```

References [pizzaPriceLbl](#), and [pizzaSpicy](#).

8.8.3.16 salmonCountSStateChanged()

```
void es.ull.esit.app.Frame1.salmonCountSStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the salmonCountS spinner changes.

Parameters

evt	the change event
-----	------------------

Definition at line 1145 of file Frame1.java.

```
01145 // GEN-FIRST:event_salmonCountSStateChanged
01146     salmonNum = (Integer) salmonCountS.getValue();
01147     salmon_Price = salmonCost * salmonNum;
01148     salmonPriceLbl.setText(salmon_Price + " SR");
01149 } // GEN-LAST:event_salmonCountSStateChanged
```

References [salmonCountS](#), and [salmonPriceLbl](#).

8.8.3.17 salmonRiceActionPerformed()

```
void es.ull.esit.app.Frame1.salmonRiceActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Called when the salmonRice checkbox is toggled.

Parameters

evt	the action event
-----	------------------

Definition at line 1198 of file Frame1.java.

```
01198 // GEN-FIRST:event_salmonRiceActionPerformed
01199     if (salmonRice.isSelected()) {
01200         salmon_Price += salmonNum;
01201     } else {
01202         salmon_Price -= salmonNum;
01203     }
01204     salmonPriceLbl.setText(salmon_Price + " SR");
01205 } // GEN-LAST:event_salmonRiceActionPerformed
```

References [salmonPriceLbl](#), and [salmonRice](#).

8.8.3.18 saveReceiptBtnActionPerformed()

```
void es.ul.esit.app.Frame1.saveReceiptBtnActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Called when the saveReceiptBtn button is clicked.

Parameters

<i>evt</i>	the action event
------------	------------------

Definition at line 1237 of file [Frame1.java](#).

```
01237 // GEN-FIRST:event_saveReceiptBtnActionPerformed
01238     try {
01239         if (total != 0) {
01240             output = new PrintWriter("receipts/billNo." + receiptNo + ".txt");
01241             JOptionPane.showMessageDialog(null,
01242                 "Receipt number: " + receiptNo + " has been saved successfully" + "");
01243             output.println(" Bill number is: " + receiptNo);
01244             output.println("=====");
01245             output.println("-----");
01246             output.println("Subtotal is: " + subTotal + " SR");
01247             output.println("vat: " + vat + " SR");
01248             output.println("Total is: " + total + " SR");
01249             output.println();
01250             output.println("THANK YOU FOR ORDERING");
01251         }
01252         output.close();
01253     } catch (Exception ex) {
01254         JOptionPane.showMessageDialog(null, "Error occurred. Please try again");
01255     }
01256 } // GEN-LAST:event_saveReceiptBtnActionPerformed
```

8.8.3.19 shrimpCountSStateChanged()

```
void es.ul.esit.app.Frame1.shrimpCountSStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the shrimpCountS spinner changes.

Parameters

<i>evt</i>	the change event
------------	------------------

Definition at line 1090 of file [Frame1.java](#).

```
01090 // GEN-FIRST:event_shrimpCountSStateChanged
01091     shrimpNum = (Integer) shrimpCountS.getValue();
01092     shrimp_Price = shrimpCost * shrimpNum;
01093     shrimpPriceLbl.setText(shrimp_Price + " SR");
01094 } // GEN-LAST:event_shrimpCountSStateChanged
```

References [shrimpCountS](#), and [shrimpPriceLbl](#).

8.8.3.20 spaghettiCountSStateChanged()

```
void es.ull.esit.app.Frame1.spaghettiCountSStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the spaghettiCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1134 of file [Frame1.java](#).

```
01134     GEN-FIRST:event_spaghettiCountSStateChanged
01135         spaghettiNum = (Integer) spaghettiCounts.getValue();
01136         spaghetti_Price = spaghettiCost * spaghettiNum;
01137         spaghettiPriceLbl.setText(spaghetti_Price + " SR");
01138     } // GEN-LAST:event_spaghettiCountSStateChanged
```

References [spaghettiCountS](#), and [spaghettiPriceLbl](#).

8.8.3.21 spaghettiSpicyActionPerformed()

```
void es.ull.esit.app.Frame1.spaghettiSpicyActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Called when the spaghettiSpicy checkbox is toggled.

Parameters

<code>evt</code>	the action event
------------------	------------------

Definition at line 1156 of file [Frame1.java](#).

```
01156     GEN-FIRST:event_spaghettiSpicyActionPerformed
01157         if (spaghettiSpicy.isSelected()) {
01158             spaghetti_Price += spaghettiNum;
01159         } else {
01160             spaghetti_Price -= spaghettiNum;
01161         }
01162         spaghettiPriceLbl.setText(spaghetti_Price + " SR");
01163     } // GEN-LAST:event_spaghettiSpicyActionPerformed
```

References [spaghettiPriceLbl](#), and [spaghettiSpicy](#).

8.8.3.22 upCountSStateChanged()

```
void es.ull.esit.app.Frame1.upCountSStateChanged (
    javax.swing.event.ChangeEvent evt) [inline], [private]
```

Called when the state of the upCountS spinner changes.

Parameters

<code>evt</code>	the change event
------------------	------------------

Definition at line 1034 of file [Frame1.java](#).

```
01034     GEN-FIRST:event_upCountsStateChanged { // 
01035         upNum = (Integer) upCounts.getValue();
01036         up_Price = upCost * upNum;
01037         upPriceLbl.setText(up_Price + " SR");
01038     } // GEN-LAST:event_upCountsStateChanged
```

References [upCountS](#), and [upPriceLbl](#).

8.8.4 Member Data Documentation

8.8.4.1 AppetizerPnl

`javax.swing.JPanel es.ull.esit.app.Frame1.AppetizerPnl` [private]

Panel de aperitivos.

Definition at line 1357 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.2 colaCountS

`javax.swing.JSpinner es.ull.esit.app.Frame1.colaCountS` [private]

Spinner para la cantidad de Cola.

Definition at line 1363 of file [Frame1.java](#).

Referenced by [colaCountSStateChanged\(\)](#), [initComponents\(\)](#), and [newReceiptBtnActionPerformed\(\)](#).

8.8.4.3 colaLbl

`javax.swing.JLabel es.ull.esit.app.Frame1.colaLbl` [private]

Etiqueta de Cola.

Definition at line 1365 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.4 colaPriceLbl

`javax.swing.JLabel es.ull.esit.app.Frame1.colaPriceLbl` [private]

Precio calculado de Cola.

Definition at line 1367 of file [Frame1.java](#).

Referenced by [colaCountSStateChanged\(\)](#), and [initComponents\(\)](#).

8.8.4.5 DrinksPnl

```
javax.swing.JPanel es.ull.esit.app.Frame1.DrinksPnl [private]
```

Panel de bebidas.

Definition at line 1359 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.6 friesCountS

```
javax.swing.JSpinner es.ull.esit.app.Frame1.friesCounts [private]
```

Spinner para las Truffel Fries.

Definition at line 1369 of file [Frame1.java](#).

Referenced by [friesCountSStateChanged\(\)](#), [initComponents\(\)](#), and [newReceiptBtnActionPerformed\(\)](#).

8.8.4.7 friesLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.friesLbl [private]
```

Etiqueta de Fries.

Definition at line 1371 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.8 friesPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.friesPriceLbl [private]
```

Precio calculado de Fries.

Definition at line 1373 of file [Frame1.java](#).

Referenced by [friesCountSStateChanged\(\)](#), and [initComponents\(\)](#).

8.8.4.9 goBackMenueBtn

```
javax.swing.JButton es.ull.esit.app.Frame1.goBackMenueBtn [private]
```

Botón para volver al menú de login.

Definition at line 1375 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.10 jLabel1

```
javax.swing.JLabel es.ull.esit.app.Frame1.jLabel1 [private]
```

Definition at line 1376 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.11 jLabel2

```
javax.swing.JLabel es.ull.esit.app.Frame1.jLabel2 [private]
```

Definition at line 1377 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.12 jPanel1

```
javax.swing.JPanel es.ull.esit.app.Frame1.jPanel1 [private]
```

Definition at line 1378 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.13 jPanel2

```
javax.swing.JPanel es.ull.esit.app.Frame1.jPanel2 [private]
```

Definition at line 1379 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.14 macCountS

```
javax.swing.JSpinner es.ull.esit.app.Frame1.macCountS [private]
```

Definition at line 1380 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [macCountSStateChanged\(\)](#), and [newReceiptBtnActionPerformed\(\)](#).

8.8.4.15 macLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.macLbl [private]
```

Definition at line 1381 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.16 macPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.macPriceLbl [private]
```

Definition at line 1382 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), and [macCountSStateChanged\(\)](#).

8.8.4.17 MainCoursePnl

```
javax.swing.JPanel es.ull.esit.app.Frame1.MainCoursePnl [private]
```

Panel de platos principales.

Definition at line 1361 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.18 mojitoCounts

```
javax.swing.JSpinner es.ull.esit.app.Frame1.mojitoCounts [private]
```

Definition at line 1383 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [mojitoCountSStateChanged\(\)](#), and [newReceiptBtnActionPerformed\(\)](#).

8.8.4.19 mojitoLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.mojitoLbl [private]
```

Definition at line 1384 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.20 mojitoPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.mojitoPriceLbl [private]
```

Definition at line 1385 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), and [mojitoCountSStateChanged\(\)](#).

8.8.4.21 moltenCounts

```
javax.swing.JSpinner es.ull.esit.app.Frame1.moltenCounts [private]
```

Definition at line 1386 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [moltenCountSStateChanged\(\)](#), and [newReceiptBtnActionPerformed\(\)](#).

8.8.4.22 moltenLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.moltenLbl [private]
```

Definition at line 1387 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.23 moltenPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.moltenPriceLbl [private]
```

Definition at line 1388 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), and [moltenCountSStateChanged\(\)](#).

8.8.4.24 newReceiptBtn

```
javax.swing.JButton es.ull.esit.app.Frame1.newReceiptBtn [private]
```

Botón para crear nuevo recibo.

Definition at line 1390 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.25 orangeCountS

```
javax.swing.JSpinner es.ull.esit.app.Frame1.orangeCounts [private]
```

Definition at line 1392 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [orangeCountSStateChanged\(\)](#).

8.8.4.26 orangePriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.orangePriceLbl [private]
```

Definition at line 1393 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), and [orangeCountSStateChanged\(\)](#).

8.8.4.27 orangLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.orangLbl [private]
```

Definition at line 1391 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.28 pastaChicken

```
javax.swing.JCheckBox es.ull.esit.app.Frame1.pastaChicken [private]
```

Definition at line 1394 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [pastaChickenActionPerformed\(\)](#).

8.8.4.29 pastaCounts

```
javax.swing.JSpinner es.ull.esit.app.Frame1.pastaCounts [private]
```

Definition at line 1395 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [pastaCountSStateChanged\(\)](#).

8.8.4.30 pastaLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.pastaLbl [private]
```

Definition at line 1396 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.31 pastaPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.pastaPriceLbl [private]
```

Definition at line 1397 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [pastaChickenActionPerformed\(\)](#), and [pastaCountSStateChanged\(\)](#).

8.8.4.32 payBtn

```
javax.swing.JButton es.ull.esit.app.Frame1.payBtn [private]
```

Botón de pago.

Definition at line 1399 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.33 pizzaCounts

```
javax.swing.JSpinner es.ull.esit.app.Frame1.pizzaCounts [private]
```

Definition at line 1400 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [pizzaCountSStateChanged\(\)](#).

8.8.4.34 pizzaLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.pizzaLbl [private]
```

Definition at line 1401 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.35 pizzaPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.pizzaPriceLbl [private]
```

Definition at line 1402 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [pizzaCountSStateChanged\(\)](#), and [pizzaSpicyActionPerformed\(\)](#).

8.8.4.36 pizzaSpicy

```
javax.swing.JCheckBox es.ull.esit.app.Frame1.pizzaSpicy [private]
```

Definition at line 1403 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [pizzaSpicyActionPerformed\(\)](#).

8.8.4.37 receiptNoLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.receiptNoLbl [private]
```

Etiqueta con número de recibo.

Definition at line 1405 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), and [newReceiptBtnActionPerformed\(\)](#).

8.8.4.38 salmonCountS

```
javax.swing.JSpinner es.ull.esit.app.Frame1.salmonCounts [private]
```

Definition at line 1406 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [salmonCountSStateChanged\(\)](#).

8.8.4.39 salmonLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.salmonLbl [private]
```

Definition at line 1407 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.40 salmonPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.salmonPriceLbl [private]
```

Definition at line 1408 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [salmonCountSStateChanged\(\)](#), and [salmonRiceActionPerformed\(\)](#).

8.8.4.41 salmonRice

```
javax.swing.JCheckBox es.ull.esit.app.Frame1.salmonRice [private]
```

Definition at line 1409 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [salmonRiceActionPerformed\(\)](#).

8.8.4.42 saveReceiptBtn

```
javax.swing.JButton es.ull.esit.app.Frame1.saveReceiptBtn [private]
```

Botón para guardar recibo en disco.

Definition at line 1411 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.43 shrimpCounts

```
javax.swing.JSpinner es.ull.esit.app.Frame1.shrimpCounts [private]
```

Definition at line 1412 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [shrimpCountSStateChanged\(\)](#).

8.8.4.44 shrimpLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.shrimpLbl [private]
```

Definition at line 1413 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.45 shrimpPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.shrimpPriceLbl [private]
```

Definition at line 1414 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), and [shrimpCountSStateChanged\(\)](#).

8.8.4.46 spaghettiCounts

```
javax.swing.JSpinner es.ull.esit.app.Frame1.spaghettiCounts [private]
```

Definition at line 1415 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [spaghettiCountsStateChanged\(\)](#).

8.8.4.47 spaghettiLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.spaghettiLbl [private]
```

Definition at line 1416 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.48 spaghettiPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.spaghettiPriceLbl [private]
```

Definition at line 1417 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [spaghettiCountsStateChanged\(\)](#), and [spaghettiSpicyActionPerformed\(\)](#).

8.8.4.49 spaghettiSpicy

```
javax.swing.JCheckBox es.ull.esit.app.Frame1.spaghettiSpicy [private]
```

Definition at line 1418 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [spaghettiSpicyActionPerformed\(\)](#).

8.8.4.50 subTotalLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.subTotalLbl [private]
```

Etiqueta de subtotal.

Definition at line 1420 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [payBtnActionPerformed\(\)](#).

8.8.4.51 totalLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.totalLbl [private]
```

Etiqueta de total.

Definition at line 1422 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [payBtnActionPerformed\(\)](#).

8.8.4.52 upCountS

```
javax.swing.JSpinner es.ull.esit.app.Frame1.upCountS [private]
```

Definition at line 1423 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [upCountSStateChanged\(\)](#).

8.8.4.53 upLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.upLbl [private]
```

Definition at line 1424 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#).

8.8.4.54 upPriceLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.upPriceLbl [private]
```

Definition at line 1425 of file [Frame1.java](#).

Referenced by [initComponents\(\)](#), and [upCountSStateChanged\(\)](#).

8.8.4.55 vatLbl

```
javax.swing.JLabel es.ull.esit.app.Frame1.vatLbl [private]
```

Definition at line 1426 of file [Frame1.java](#).

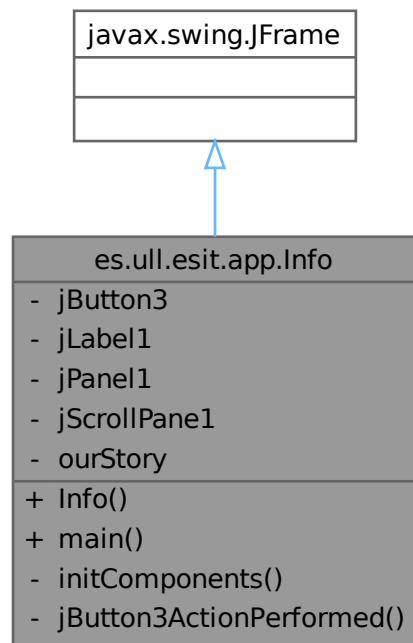
Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [payBtnActionPerformed\(\)](#).

The documentation for this class was generated from the following file:

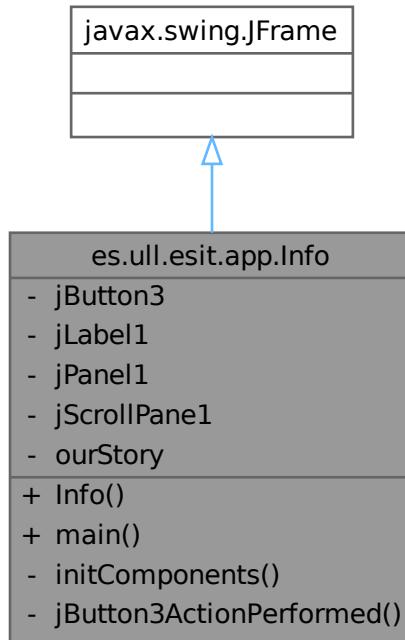
- [Frame1.java](#)

8.9 es.ull.esit.app.Info Class Reference

Inheritance diagram for es.ull.esit.app.Info:



Collaboration diagram for es.ull.esit.app.Info:



Public Member Functions

- [Info \(\)](#)
Creates new form [Info](#).

Static Public Member Functions

- static void [main](#) (String args[])

Private Member Functions

- void [initComponents](#) ()
This method is called from within the constructor to initialize the form.
- void [jButton3ActionPerformed](#) (java.awt.event.ActionEvent evt)

Private Attributes

- javax.swing.JButton [jButton3](#)
Botón para volver atrás (Go Back).
- javax.swing.JLabel [jLabel1](#)
Imagen/logo mostrado en la ventana.
- javax.swing.JPanel [jPanel1](#)
Panel contenedor principal.
- javax.swing.JScrollPane [jScrollPane1](#)
Scroll pane que contiene el texto 'ourStory'.
- javax.swing.JTextArea [ourStory](#)
Área de texto que contiene la historia/información del restaurante.

8.9.1 Detailed Description

Definition at line 18 of file [Info.java](#).

8.9.2 Constructor & Destructor Documentation

8.9.2.1 Info()

```
es.ull.esit.app.Info.Info () [inline]
```

Creates new form [Info](#).

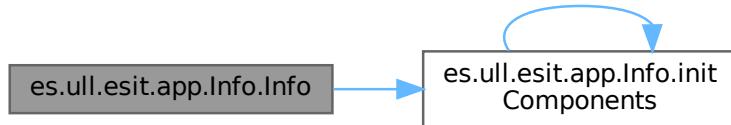
Definition at line 23 of file [Info.java](#).

```
00023      {  
00024          initComponents();  
00025      }
```

References [initComponents\(\)](#).

Referenced by [main\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.9.3 Member Function Documentation

8.9.3.1 initComponents()

```
void es.ull.esit.app.Info.initComponents () [inline], [private]
```

Generated by Doxygen

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.

Parameters

evt Evento de acción generado por el botón.

Returns

void

Definition at line 34 of file Info.java.

```

00103      );
00104
00105     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00106     getContentPane().setLayout(layout);
00107     layout.setHorizontalGroup(
00108         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00109             .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00110               javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00111     );
00112     layout.setVerticalGroup(
00113         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00114             .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00115               javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00116     );
00117     pack();
00118 } // </editor-fold> //GEN-END:initComponents

```

References [initComponents\(\)](#), [jButton3](#), [jLabel1](#), [jPanel1](#), [jScrollPane1](#), and [ourStory](#).

Referenced by [Info\(\)](#), and [initComponents\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.9.3.2 jButton3ActionPerformed()

```

void es.ull.esit.app.Info.jButton3ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]

```

Definition at line 120 of file [Info.java](#).

```

00120 { //GEN-FIRST:event_jButton3ActionPerformed
00121     new Cashier().setVisible(true);
00122 } //GEN-LAST:event_jButton3ActionPerformed

```

8.9.3.3 main()

Generated by Doxygen

```

void es.ull.esit.app.Info.main (
    String args[]) [inline], [static]

```

Parameters

<code>args</code>	the command line arguments
-------------------	----------------------------

Definition at line 128 of file [Info.java](#).

```

00128
00129     /* Set the Nimbus look and feel */
00130     //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00131     /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00132      * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00133      */
00134     try {
00135         for (javax.swing.UIManager.LookAndFeelInfo info :
00136             javax.swing.UIManager.getInstalledLookAndFeels()) {
00137             if ("Nimbus".equals(info.getName())) {
00138                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
00139                 break;
00140             }
00141         } catch (ClassNotFoundException ex) {
00142             java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
00143             ex);
00144         } catch (InstantiationException ex) {
00145             java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
00146             ex);
00147         } catch (IllegalAccessException ex) {
00148             java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
00149             ex);
00150         }
00151         //</editor-fold>
00152         /* Create and display the form */
00153         java.awt.EventQueue.invokeLater(new Runnable() {
00154             public void run() {
00155                 new Info().setVisible(true);
00156             }
00157         });
00158     }

```

References [Info\(\)](#).

Here is the call graph for this function:



8.9.4 Member Data Documentation

8.9.4.1 jButton3

`javax.swing.JButton es.ull.esit.app.Info.jButton3 [private]`

Botón para volver atrás (Go Back).

Definition at line 162 of file [Info.java](#).

Referenced by [initComponents\(\)](#).

8.9.4.2 jLabel1

```
javax.swing.JLabel es.ull.esit.app.Info.jLabel1 [private]
```

Imagen/logo mostrado en la ventana.

Definition at line 164 of file [Info.java](#).

Referenced by [initComponents\(\)](#).

8.9.4.3 jPanel1

```
javax.swing.JPanel es.ull.esit.app.Info.jPanel1 [private]
```

Panel contenedor principal.

Definition at line 166 of file [Info.java](#).

Referenced by [initComponents\(\)](#).

8.9.4.4 jScrollPane1

```
javax.swing.JScrollPane es.ull.esit.app.Info.jScrollPane1 [private]
```

Scroll pane que contiene el texto 'ourStory'.

Definition at line 168 of file [Info.java](#).

Referenced by [initComponents\(\)](#).

8.9.4.5 ourStory

```
javax.swing.JTextArea es.ull.esit.app.Info.ourStory [private]
```

Área de texto que contiene la historia/información del restaurante.

Definition at line 170 of file [Info.java](#).

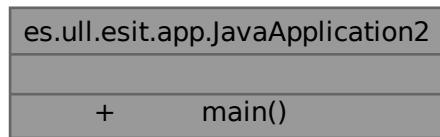
Referenced by [initComponents\(\)](#).

The documentation for this class was generated from the following file:

- [Info.java](#)

8.10 es.ull.esit.app.JavaApplication2 Class Reference

Collaboration diagram for es.ull.esit.app.JavaApplication2:



Static Public Member Functions

- static void [main](#) (String[] args)
Punto de entrada alternativo usado para lanzar la UI.

8.10.1 Detailed Description

Definition at line 14 of file [JavaApplication2.java](#).

8.10.2 Member Function Documentation

8.10.2.1 main()

```
void es.ull.esit.app.JavaApplication2.main (
    String[] args) [inline], [static]
```

Punto de entrada alternativo usado para lanzar la UI.

Parameters

<i>args</i>	argumentos de línea de comandos (no usados).
-------------	--

Definition at line 21 of file [JavaApplication2.java](#).

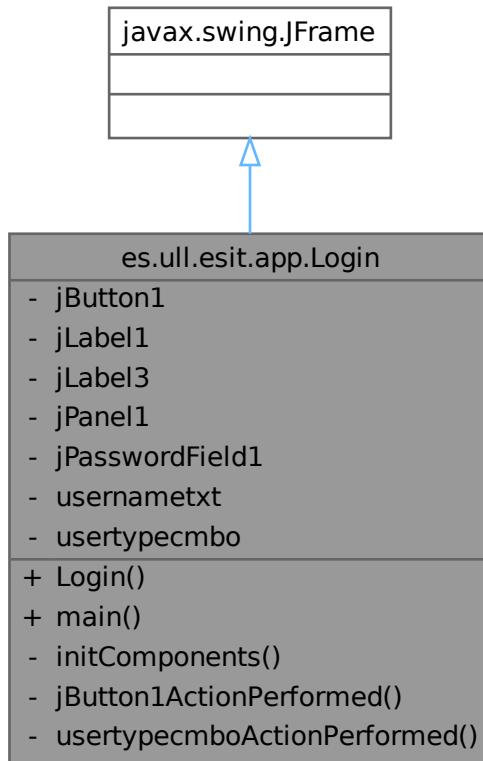
```
00021           {
00022     new Login().setVisible(true);
00023 }
```

The documentation for this class was generated from the following file:

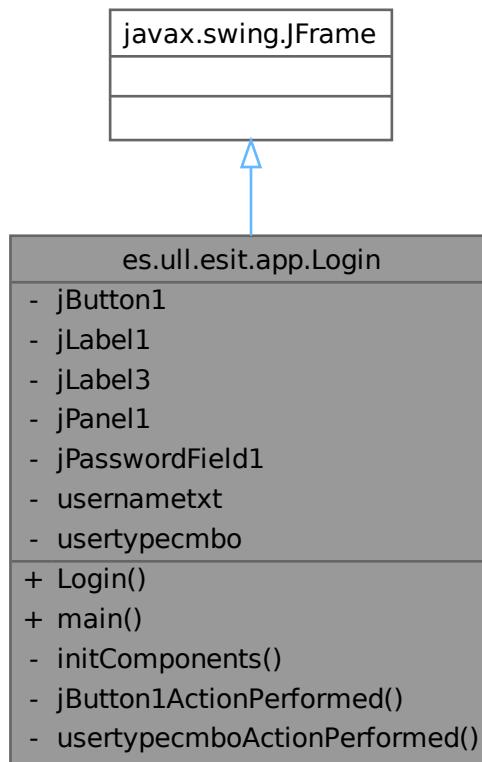
- [JavaApplication2.java](#)

8.11 es.ull.esit.app.Login Class Reference

Inheritance diagram for es.ull.esit.app.Login:



Collaboration diagram for es.ull.esit.app.Login:



Public Member Functions

- [Login \(\)](#)
Creates new form Login.

Static Public Member Functions

- static void [main \(String args\[\]\)](#)

Private Member Functions

- void [initComponents \(\)](#)
Initializes GUI components.
- void [jButton1ActionPerformed \(java.awt.event.ActionEvent evt\)](#)
Acción del botón "Log In".
- void [usertypecmbActionPerformed \(java.awt.event.ActionEvent evt\)](#)
Manejador de cambios en el combo de tipo de usuario.

Private Attributes

- javax.swing.JButton [jButton1](#)
Botón para iniciar sesión (Log In).
- javax.swing.JLabel [jLabel1](#)
Imagen/logo mostrado en la ventana.
- javax.swing.JLabel [jLabel3](#)
Título de la ventana (User Login).
- javax.swing.JPanel [jPanel1](#)
Panel contenedor principal.
- javax.swing.JPasswordField [jPasswordField1](#)
Campo de entrada para la contraseña.
- javax.swing.JTextField [usernameetxt](#)
Campo de entrada para el nombre de usuario.
- javax.swing.JComboBox< String > [usertypecmb](#)
Combo que permite seleccionar el tipo de usuario (admin/cashier).

8.11.1 Detailed Description

Definition at line 23 of file [Login.java](#).

8.11.2 Constructor & Destructor Documentation

8.11.2.1 Login()

```
es.ull.esit.app.Login.Login () [inline]
```

Creates new form [Login](#).

Returns

```
void
```

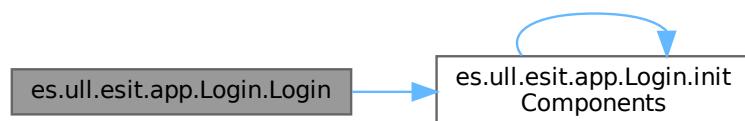
Definition at line 29 of file [Login.java](#).

```
00029
00030      {
00031      }
00031 }
```

References [initComponents\(\)](#).

Referenced by [main\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.11.3 Member Function Documentation

8.11.3.1 initComponents()

```
void es.ull.esit.app.Login.initComponents () [inline], [private]
```

Initializes GUI components.

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.

Returns

```
void
```

Initializes GUI components

Returns

```
void
```

Manejador de cambios en el combo de tipo de usuario.

Método generado por el editor. Actualmente no realiza ninguna acción, pero queda como punto de extensión si se quiere cambiar el comportamiento cuando el usuario selecciona un tipo diferente.

Parameters

<code>evt</code>	Evento de acción generado por el combo.
------------------	---

Returns

```
void
```

Acción del botón "Log In".

Generated by Doxygen

Comprueba si las credenciales corresponden a un administrador (usuario y contraseña "admin") y, si es así, abre la ventana de administración. Si el tipo de usuario seleccionado es "cashier", abre la ventana de cajero pasando el nombre de usuario.

Parameters

evt Evento de acción asociado al botón.

Returns

void

Definition at line 46 of file [Login.java](#).

```
00046
00047
00048     jPanel1 = new javax.swing.JPanel();
00049     jLabel1 = new javax.swing.JLabel();
00050     jLabel3 = new javax.swing.JLabel();
00051     usernametxt = new javax.swing.JTextField();
00052     usertypecmb = new javax.swing.JComboBox<>();
00053     jButton1 = new javax.swing.JButton();
00054     jPasswordField1 = new javax.swing.JPasswordField();
00055
00056     setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00057     setTitle("Login");
00058     setResizable(false);
00059
00060     jPanel1.setBackground(new java.awt.Color(248, 244, 230));
00061
00062     jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); // NOI18N
00063
00064     jLabel3.setFont(new java.awt.Font("Yu Gothic UI", 1, 24)); // NOI18N
00065     jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00066     jLabel3.setText("User Login ");
00067
00068     usernametxt.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00069     usernametxt.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00070     usernametxt.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00071         javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Username",
00072         javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
00073         Gothic UI", 0, 18))); // NOI18N
00074
00075     usertypecmb.setEditable(true);
00076     usertypecmb.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00077     usertypecmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "admin", "cashier"
00078 }));
00079
00080     usertypecmb.addActionListener(new java.awt.event.ActionListener() {
00081         public void actionPerformed(java.awt.event.ActionEvent evt) {
00082             usertypecmbActionPerformed(evt);
00083         }
00084     });
00085
00086     jButton1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00087     jButton1.setText("Log In");
00088     jButton1.addActionListener(new java.awt.event.ActionListener() {
00089         public void actionPerformed(java.awt.event.ActionEvent evt) {
00090             jButton1ActionPerformed(evt);
00091         }
00092     });
00093
00094     jPasswordField1.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00095     jPasswordField1.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00096
00097     jPasswordField1.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.BorderFactory.createLineBorder(new
00098         java.awt.Color(0, 0, 0)), "Password", javax.swing.border.TitledBorder.LEFT,
00099         javax.swing.border.TitledBorder.TOP, new java.awt.Font("Lucida Grande", 0, 18))); // NOI18N
00100
00101     javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00102     jPanel1.setLayout(jPanel1Layout);
00103     jPanel1Layout.setHorizontalGroup(
00104         jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00105             .addGroup(jPanel1Layout.createSequentialGroup()
00106                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00107                     .addGroup(jPanel1Layout.createSequentialGroup()
00108                         .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00109                         .addGap(10, 10, 10)
00110                         .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE))
00111                     .addGroup(jPanel1Layout.createSequentialGroup()
00112                         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
00113                         .addGap(10, 10, 10)
00114                         .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE)))
00115                 .addGap(10, 10, 10)
00116                 .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00117             )
00118             .addGroup(jPanel1Layout.createSequentialGroup()
00119                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00120                     .addGroup(jPanel1Layout.createSequentialGroup()
00121                         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00122                             .addGroup(jPanel1Layout.createSequentialGroup()
00123                                 .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00124                                 .addGap(10, 10, 10)
00125                                 .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE))
00126                             .addGroup(jPanel1Layout.createSequentialGroup()
00127                                 .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
00128                                 .addGap(10, 10, 10)
00129                                 .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE)))
00130                         .addGap(10, 10, 10)
00131                         .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00132                     )
00133                     .addGroup(jPanel1Layout.createSequentialGroup()
00134                         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00135                             .addGroup(jPanel1Layout.createSequentialGroup()
00136                                 .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00137                                 .addGap(10, 10, 10)
00138                                 .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE))
00139                             .addGroup(jPanel1Layout.createSequentialGroup()
00140                                 .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
00141                                 .addGap(10, 10, 10)
00142                                 .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE)))
00143                         .addGap(10, 10, 10)
00144                         .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00145                     )
00146                 )
00147             )
00148         )
00149     );
00150     jPanel1Layout.setVerticalGroup(
00151         jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00152             .addGroup(jPanel1Layout.createSequentialGroup()
00153                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00154                     .addGroup(jPanel1Layout.createSequentialGroup()
00155                         .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00156                         .addGap(10, 10, 10)
00157                         .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE))
00158                     .addGroup(jPanel1Layout.createSequentialGroup()
00159                         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
00160                         .addGap(10, 10, 10)
00161                         .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE)))
00162                 .addGap(10, 10, 10)
00163                 .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00164             )
00165             .addGroup(jPanel1Layout.createSequentialGroup()
00166                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00167                     .addGroup(jPanel1Layout.createSequentialGroup()
00168                         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00169                             .addGroup(jPanel1Layout.createSequentialGroup()
00170                                 .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00171                                 .addGap(10, 10, 10)
00172                                 .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE))
00173                             .addGroup(jPanel1Layout.createSequentialGroup()
00174                                 .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
00175                                 .addGap(10, 10, 10)
00176                                 .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE)))
00177                         .addGap(10, 10, 10)
00178                         .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00179                     )
00180                     .addGroup(jPanel1Layout.createSequentialGroup()
00181                         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00182                             .addGroup(jPanel1Layout.createSequentialGroup()
00183                                 .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00184                                 .addGap(10, 10, 10)
00185                                 .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE))
00186                             .addGroup(jPanel1Layout.createSequentialGroup()
00187                                 .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
00188                                 .addGap(10, 10, 10)
00189                                 .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 250, javax.swing.GroupLayout.PREFERRED_SIZE)))
00190                         .addGap(10, 10, 10)
00191                         .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 130, javax.swing.GroupLayout.PREFERRED_SIZE)
00192                     )
00193                 )
00194             )
00195         )
00196     );
00197 }
```

```

00128     .addGroup(jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00129         .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE,
00130             311, javax.swing.GroupLayout.PREFERRED_SIZE)
00130         .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 311,
00131             javax.swing.GroupLayout.PREFERRED_SIZE)
00131         .addComponent(usertypecmb, javax.swing.GroupLayout.PREFERRED_SIZE, 311,
00132             javax.swing.GroupLayout.PREFERRED_SIZE)))
00132     .addGroup(jPanellLayout.createSequentialGroup()
00133         .addGap(146, 146, 146)
00134         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
00135             javax.swing.GroupLayout.PREFERRED_SIZE)))
00135     .addContainerGap(86, Short.MAX_VALUE))
00136 );
00137 jPanellLayout.setVerticalGroup(
00138     jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00139     .addGroup(jPanellLayout.createSequentialGroup()
00140         .addGap(39, 39, 39)
00141         .addComponent(jLabel1)
00142         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00143         .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
00144             javax.swing.GroupLayout.PREFERRED_SIZE)
00144         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00145         .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00145             javax.swing.GroupLayout.PREFERRED_SIZE)
00146         .addGap(18, 18, 18)
00147         .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00147             javax.swing.GroupLayout.PREFERRED_SIZE)
00148         .addGap(18, 18, 18)
00149         .addComponent(usertypecmb, javax.swing.GroupLayout.PREFERRED_SIZE, 46,
00149             javax.swing.GroupLayout.PREFERRED_SIZE)
00150         .addGap(18, 18, 18)
00151         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00151             javax.swing.GroupLayout.PREFERRED_SIZE)
00152         .addContainerGap(39, Short.MAX_VALUE))
00153 );
00154
00155     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00156     getContentPane().setLayout(layout);
00157     layout.setHorizontalGroup(
00158         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00159             .addComponent(jPanell, javax.swing.GroupLayout.PREFERRED_SIZE,
00159                 javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00160         );
00161     layout.setVerticalGroup(
00162         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00163             .addComponent(jPanell, javax.swing.GroupLayout.DEFAULT_SIZE,
00163                 javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00164     );
00165
00166     pack();
00167     setLocationRelativeTo(null);
00168 } // </editor-fold> //GEN-END:initComponents

```

References [initComponents\(\)](#), [jButton1](#), [jLabel1](#), [jLabel3](#), [jPanell](#), [jPasswordField1](#), [usernametxt](#), and [usertypecmb](#).

Referenced by [initComponents\(\)](#), and [Login\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



8.11.3.2 jButton1ActionPerformed()

```
void es.ull.esit.app.Login.jButton1ActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]
```

Acción del botón "Log In".

Comprueba si las credenciales corresponden a un administrador (usuario y contraseña "admin") y, si es así, abre la ventana de administración. Si el tipo de usuario seleccionado es "cashier", abre la ventana de cajero pasando el nombre de usuario.

Parameters

<code>evt</code>	Evento de acción asociado al botón.
------------------	-------------------------------------

Returns

`void`

Definition at line 181 of file [Login.java](#).

```
00181 //GEN-FIRST:event_jButton1ActionPerformed
00182     if(usernametxt.getText().equalsIgnoreCase("admin") &&
00183         jPasswordField1.getText().equalsIgnoreCase("admin") &&
00184         usertypecmbbo.getSelectedItem().toString().equalsIgnoreCase("admin")){
00185         new AdminLogin().setVisible(true);
00186     } else if(usertypecmbbo.getSelectedItem().toString().equalsIgnoreCase("cashier")){
00187         new Cashier(usernametxt.getText()).setVisible(true);
00188     }
00190 //GEN-LAST:event_jButton1ActionPerformed
```

References [jPasswordField1](#), [usernametxt](#), and [usertypecmbbo](#).

8.11.3.3 main()

```
void es.ull.esit.app.Login.main (
    String args[] ) [inline], [static]
```

Parameters

args	the command line arguments
------	----------------------------

Definition at line 209 of file [Login.java](#).

```

00209         /* Set the Nimbus look and feel */
00210         /*<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00211         /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00212             * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00213         */
00214         try {
00215             for (javax.swing.UIManager.LookAndFeelInfo info :
00216                 javax.swing.UIManager.getInstalledLookAndFeels()) {
00217                 if ("Nimbus".equals(info.getName())) {
00218                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00219                     break;
00220                 }
00221             }
00222         } catch (ClassNotFoundException ex) {
00223             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00224             ex);
00225         } catch (InstantiationException ex) {
00226             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00227             ex);
00228         } catch (IllegalAccessException ex) {
00229             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00230             ex);
00231         } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00232             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00233             ex);
00234         }
00235         //
00236
00237         /* Create and display the form */
00238         java.awt.EventQueue.invokeLater(new Runnable() {
00239             public void run() {
00240                 new Login().setVisible(true);
00241             }
00242         });
00243     }

```

References [Login\(\)](#).

Here is the call graph for this function:



8.11.3.4 usertypecmbActionPerformed()

```

void es.ull.esit.app.Login.usertypecmbActionPerformed (
    java.awt.event.ActionEvent evt) [inline], [private]

```

Manejador de cambios en el combo de tipo de usuario.

Método generado por el editor. Actualmente no realiza ninguna acción, pero queda como punto de extensión si se quiere cambiar el comportamiento cuando el usuario selecciona un tipo diferente.

Parameters

evt	Evento de acción generado por el combo.
-----	---

Returns

void

Definition at line 202 of file [Login.java](#).

```
00202     { //GEN-FIRST:event_usertypecmboActionPerformed
00203         // TODO add your handling code here:
00204     } //GEN-LAST:event_usertypecmboActionPerformed
```

8.11.4 Member Data Documentation

8.11.4.1 jButton1

```
javax.swing.JButton es.ull.esit.app.Login.jButton1 [private]
```

Botón para iniciar sesión (Log In).

Definition at line 243 of file [Login.java](#).

Referenced by [initComponents\(\)](#).

8.11.4.2 jLabel1

```
javax.swing.JLabel es.ull.esit.app.Login.jLabel1 [private]
```

Imagen/logo mostrado en la ventana.

Definition at line 245 of file [Login.java](#).

Referenced by [initComponents\(\)](#).

8.11.4.3 jLabel3

```
javax.swing.JLabel es.ull.esit.app.Login.jLabel3 [private]
```

Título de la ventana (User Login).

Definition at line 247 of file [Login.java](#).

Referenced by [initComponents\(\)](#).

8.11.4.4 jPanel1

```
javax.swing.JPanel es.ull.esit.app.Login.jPanel1 [private]
```

Panel contenedor principal.

Definition at line 249 of file [Login.java](#).

Referenced by [initComponents\(\)](#).

8.11.4.5 jPasswordField1

```
javax.swing.JPasswordField es.ull.esit.app.Login.jPasswordField1 [private]
```

Campo de entrada para la contraseña.

Definition at line 251 of file [Login.java](#).

Referenced by [initComponents\(\)](#), and [jButton1ActionPerformed\(\)](#).

8.11.4.6 usernametxt

```
javax.swing.JTextField es.ull.esit.app.Login.usernametxt [private]
```

Campo de entrada para el nombre de usuario.

Definition at line 253 of file [Login.java](#).

Referenced by [initComponents\(\)](#), and [jButton1ActionPerformed\(\)](#).

8.11.4.7 usertypecmb

```
javax.swing.JComboBox<String> es.ull.esit.app.Login.usertypecmb [private]
```

Combo que permite seleccionar el tipo de usuario (admin/cashier).

Definition at line 255 of file [Login.java](#).

Referenced by [initComponents\(\)](#), and [jButton1ActionPerformed\(\)](#).

The documentation for this class was generated from the following file:

- [Login.java](#)

8.12 es.ul.esit.app.middleware.model.MainCourse Class Reference

MainCourse model class.

Collaboration diagram for es.ul.esit.app.middleware.model.MainCourse:

es.ul.esit.app.middleware.model. MainCourse	
-	foodId
-	itemFood
-	foodPrice
-	receiptId
+	MainCourse()
+	MainCourse()
+	getFoodId()
+	setFoodId()
+	getItemFood()
+	setItemFood()
+	getFoodPrice()
+	setFoodPrice()
+	getReceiptId()
+	setReceiptId()

Public Member Functions

- `MainCourse ()`
- `MainCourse (Long foodId, String itemFood, Integer foodPrice, Long receiptId)`

Constructor with parameters.
- Long `getFoodId ()`

Getters and Setters.
- void `setFoodId (Long foodId)`

Set food ID.
- String `getItemFood ()`

Get item food.
- void `setItemFood (String itemFood)`

Set item food.
- Integer `getFoodPrice ()`

Get food price.
- void `setFoodPrice (Integer foodPrice)`

Set food price.
- Long `getReceiptId ()`

Get receipt ID.
- void `setReceiptId (Long receiptId)`

Set receipt ID.

Private Attributes

- Long `foodId`
- String `itemFood`
- Integer `foodPrice`
- Long `receiptId`

8.12.1 Detailed Description

`MainCourse` model class.

Definition at line 8 of file `MainCourse.java`.

8.12.2 Constructor & Destructor Documentation

8.12.2.1 `MainCourse()` [1/2]

```
es.ull.esit.app.middleware.model.MainCourse.MainCourse () [inline]
```

Definition at line 21 of file `MainCourse.java`.

```
00021 { }
```

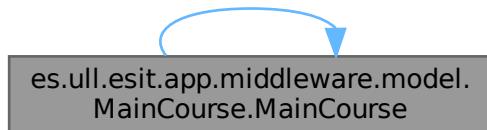
References `MainCourse()`.

Referenced by `MainCourse()`.

Here is the call graph for this function:



Here is the caller graph for this function:



8.12.2.2 MainCourse() [2/2]

```
es.ull.esit.app.middleware.model.MainCourse.MainCourse (
    Long foodId,
    String itemFood,
    Integer foodPrice,
    Long receiptId) [inline]
```

Constructor with parameters.

Parameters

<i>foodId</i>	the food ID
<i>itemFood</i>	the food item name
<i>foodPrice</i>	the food price
<i>receiptId</i>	the receipt ID

Definition at line 30 of file [MainCourse.java](#).

```
00030
00031     this.foodId = foodId;
00032     this.itemFood = itemFood;
00033     this.foodPrice = foodPrice;
00034     this.receiptId = receiptId;
00035 }
```

References [foodId](#), [foodPrice](#), [itemFood](#), and [receiptId](#).

8.12.3 Member Function Documentation

8.12.3.1 getFoodId()

```
Long es.ull.esit.app.middleware.model.MainCourse.getFoodId () [inline]
```

Getters and Setters.

Returns

values of the attributes

Definition at line 41 of file [MainCourse.java](#).

```
00041 { return foodId; }
```

References [foodId](#).

8.12.3.2 getFoodPrice()

```
Integer es.ull.esit.app.middleware.model.MainCourse.getFoodPrice () [inline]
```

Get food price.

Returns

the food price

Definition at line 65 of file [MainCourse.java](#).

```
00065 { return foodPrice; }
```

References [foodPrice](#).

Referenced by [es.ull.esit.app.adminProducts.jTable3MouseClicked\(\)](#).

Here is the caller graph for this function:



8.12.3.3 getItemFood()

```
String es.ull.esit.app.middleware.model.MainCourse.getItemFood () [inline]
```

Get item food.

Returns

Definition at line 53 of file [MainCourse.java](#).

```
00053 { return itemFood; }
```

References [itemFood](#).

Referenced by [es.ull.esit.app.adminProducts.jTable3MouseClicked\(\)](#).

Here is the caller graph for this function:



8.12.3.4 getReceiptId()

```
Long es.ull.esit.app.middleware.model.MainCourse.getReceiptId () [inline]
```

Get receipt ID.

Returns

the receipt ID

Definition at line 77 of file [MainCourse.java](#).

```
00077 { return receiptId; }
```

References [receiptId](#).

8.12.3.5 setFoodId()

```
void es.ull.esit.app.middleware.model.MainCourse.setFoodId (
    Long foodId) [inline]
```

Set food ID.

Parameters

<i>foodId</i>	the food ID
---------------	-------------

Definition at line 47 of file [MainCourse.java](#).

```
00047 { this.foodId = foodId; }
```

References [foodId](#).

8.12.3.6 setFoodPrice()

```
void es.ull.esit.app.middleware.model.MainCourse.setFoodPrice (
    Integer foodPrice) [inline]
```

Set food price.

Parameters

<i>foodPrice</i>	the food price
------------------	----------------

Definition at line 71 of file [MainCourse.java](#).

```
00071 { this.foodPrice = foodPrice; }
```

References [foodPrice](#).

8.12.3.7 setItemFood()

Generated by Doxygen

```
void es.ull.esit.app.middleware.model.MainCourse.setItemFood (
    String itemFood) [inline]
```

Parameters

<i>itemFood</i>	the food item name
-----------------	--------------------

Definition at line 59 of file [MainCourse.java](#).

```
00059 { this.itemFood = itemFood; }
```

References [itemFood](#).

8.12.3.8 setReceiptId()

```
void es.ull.esit.app.middleware.model.MainCourse.setReceiptId (
    Long receiptId) [inline]
```

Set receipt ID.

Parameters

<i>receiptId</i>	the receipt ID
------------------	----------------

Definition at line 83 of file [MainCourse.java](#).

```
00083 { this.receiptId = receiptId; }
```

References [receiptId](#).

8.12.4 Member Data Documentation

8.12.4.1 foodId

```
Long es.ull.esit.app.middleware.model.MainCourse.foodId [private]
```

Definition at line 10 of file [MainCourse.java](#).

Referenced by [getFoodId\(\)](#), [MainCourse\(\)](#), and [setFoodId\(\)](#).

8.12.4.2 foodPrice

```
Integer es.ull.esit.app.middleware.model.MainCourse.foodPrice [private]
```

Definition at line 16 of file [MainCourse.java](#).

Referenced by [getFoodPrice\(\)](#), [MainCourse\(\)](#), and [setFoodPrice\(\)](#).

8.12.4.3 itemFood

```
String es.ull.esit.app.middleware.model.MainCourse.itemFood [private]
```

Definition at line 13 of file [MainCourse.java](#).

Referenced by [getItemFood\(\)](#), [MainCourse\(\)](#), and [setItemFood\(\)](#).

8.12.4.4 receiptId

```
Long es.ull.esit.app.middleware.model.MainCourse.receiptId [private]
```

Definition at line 19 of file [MainCourse.java](#).

Referenced by [getReceiptId\(\)](#), [MainCourse\(\)](#), and [setReceiptId\(\)](#).

The documentation for this class was generated from the following file:

- [MainCourse.java](#)

Chapter 9

File Documentation

9.1 AdminLogin.java File Reference

Interfaz de administrador principal.

Classes

- class [es.ull.esit.app.AdminLogin](#)

Packages

- package [es.ull.esit.app](#)

9.1.1 Detailed Description

Interfaz de administrador principal.

Ventana que permite al administrador navegar hacia la actualización de precios, ver el menú o cerrar sesión.

Author

Equipo

Version

1.0

Definition in file [AdminLogin.java](#).

9.2 AdminLogin.java

[Go to the documentation of this file.](#)

```

0013         .addGroup(jPanel1Layout.createSequentialGroup()
0014             .addGap(152, 152, 152)
0015             .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
0016                 javax.swing.GroupLayout.PREFERRED_SIZE))
0016     .addContainerGap(69, Short.MAX_VALUE))
0017 );
0018 jPanel1Layout.setVerticalGroup(
0019     jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
0020     .addGroup(jPanel1Layout.createSequentialGroup()
0021         .addGap(31, 31, 31)
0022         .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
0023             javax.swing.GroupLayout.PREFERRED_SIZE)
0023         .addGap(18, 18, 18)
0024         .addComponent(jLabel1)
0025         .addGap(29, 29, 29)
0026         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
0027             javax.swing.GroupLayout.PREFERRED_SIZE)
0027         .addGap(18, 18, 18)
0028         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
0029             javax.swing.GroupLayout.PREFERRED_SIZE)
0029         .addGap(29, 29, 29)
0030         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
0031             javax.swing.GroupLayout.PREFERRED_SIZE)
0031         .addContainerGap(115, Short.MAX_VALUE))
0032 );
0033
0034     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
0035     getContentPane().setLayout(layout);
0036     layout.setHorizontalGroup(
0037         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
0038             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
0039                 .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
0039             );
0040     layout.setVerticalGroup(
0041         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
0042             .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE,
0043                 javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
0043     );
0044
0045     pack();
0046     setLocationRelativeTo(null);
0047 } // </editor-fold> //GEN-END:initComponents
0048
0049 private void jButton2ActionPerformed(java.awt.event.ActionEvent evt)
0050 { //GEN-FIRST:event_jButton2ActionPerformed
0051     new adminProducts().setVisible(true);
0052 } //GEN-LAST:event_jButton2ActionPerformed
0053
0054 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
0055 { //GEN-FIRST:event_jButton1ActionPerformed
0056     new Frame1().setVisible(true);
0057 } //GEN-LAST:event_jButton1ActionPerformed
0058
0059 private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
0060 { //GEN-FIRST:event_jButton3ActionPerformed
0061     new Login().setVisible(true);
0062 } //GEN-LAST:event_jButton3ActionPerformed
0063
0064 public static void main(String args[]) {
0065     /* Set the Nimbus look and feel */
0066     // <editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) " >
0067     /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
0068      * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
0069      */
0070     try {
0071         for (javax.swing.UIManager.LookAndFeelInfo info :
0072             javax.swing.UIManager.getInstalledLookAndFeels()) {
0073             if ("Nimbus".equals(info.getName())) {
0074                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
0075                 break;
0076             }
0077         }
0078     } catch (ClassNotFoundException ex) {
0079     } catch (InstantiationException ex) {
0080     } catch (IllegalAccessException ex) {
0081     } catch (SQLException ex) {
0082     java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
0083         null, ex);
0084     } catch (InstantiationException ex) {
0085     } catch (IllegalAccessException ex) {
0086     } catch (SQLException ex) {
0087     java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
0088         null, ex);
0089     } catch (SQLException ex) {
0090     java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
0091         null, ex);
0092 }

```

```

00209         } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00210     java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00211         null, ex);
00212         //
```

//</editor-fold>

```

00213
00214     /* Create and display the form */
00215     java.awt.EventQueue.invokeLater(new Runnable() {
00216         public void run() {
00217             new AdminLogin().setVisible(true);
00218         }
00219     });
00220 }
00221
00222 // Variables declaration - do not modify//GEN-BEGIN:variables
00223 private javax.swing.JButton jButton1;
00224 private javax.swing.JButton jButton2;
00225 private javax.swing.JButton jButton3;
00226 private javax.swing.JLabel jLabel1;
00227 private javax.swing.JLabel jLabel3;
00228 private javax.swing.JPanel jPanel1;
00229 // End of variables declaration//GEN-END:variables
00230
00231
00232
00233
00234
00235
00236 }
```

9.3 adminProducts.java File Reference

Pantalla administrativa para gestionar productos y precios.

```

import es.ull.esit.app.middleware.ApiClient;
import es.ull.esit.app.middleware.model.Appetizer;
import es.ull.esit.app.middleware.model.Drink;
import es.ull.esit.app.middleware.model.MainCourse;
import java.util.List;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
Include dependency graph for adminProducts.java:
```



Classes

- class [es.ull.esit.app.adminProducts](#)

Packages

- package [es.ull.esit.app](#)

9.3.1 Detailed Description

Pantalla administrativa para gestionar productos y precios.

Permite listar bebidas, aperitivos y platos principales obtenidos del middleware REST y realizar operaciones CRUD básicas (añadir/actualizar).

Definition in file [adminProducts.java](#).

9.4 adminProducts.java

[Go to the documentation of this file.](#)

```

00001 /*
00002 * To change this license header, choose License Headers in Project Properties.
00003 * To change this template file, choose Tools | Templates
00004 * and open the template in the editor.
00005 */
00006 package es.ull.esit.app;
00007
00008 import es.ull.esit.app.middleware.ApiClient;
00009 import es.ull.esit.app.middleware.model.Appetizer;
0010 import es.ull.esit.app.middleware.model.Drink;
0011 import es.ull.esit.app.middleware.model.MainCourse;
0012 import java.util.List;
0013 import javax.swing.JOptionPane;
0014 import javax.swing.table.DefaultTableModel;
0015
0023 public class adminProducts extends javax.swing.JFrame {
0025     private ApiClient apiClient;
0027     DefaultTableModel modelDrink;
0028     DefaultTableModel modelappetizers;
0029     DefaultTableModel modelmaincourse;
0031     String[] columnNames = {"ID", "Item Name", "Item Price"};
0033     Long selectedDrinkID;
0034     Long selectedAppetizerID;
0035     Long selectedMainCourseID;
0036
0040     public adminProducts() {
0041         initComponents();
0042         apiClient = new ApiClient("http://localhost:8080"); // Backend URL
0043
0044         modelDrink = new DefaultTableModel();
0045         modelDrink.setColumnIdentifiers(columnNames);
0046         modelappetizers = new DefaultTableModel();
0047         modelappetizers.setColumnIdentifiers(columnNames);
0048         modelmaincourse = new DefaultTableModel();
0049         modelmaincourse.setColumnIdentifiers(columnNames);
0050
0051         loadDrinks();
0052         loadAppetizer();
0053         loadmainCourse();
0054     }
0055
0061     void loadDrinks() {
0062         try {
0063             List<Drink> drinks = apiClient.getAllDrinks();
0064             for (Drink drink : drinks) {
0065                 modelDrink.addRow(new Object[]{
0066                     drink.getDrinksId(),
0067                     drink.getItemDrinks(),
0068                     drink.getDrinksPrice()
0069                 });
0070             }
0071             jTable1.setModel(modelDrink);
0072         } catch (Exception ex) {
0073             JOptionPane.showMessageDialog(null, "Error loading drinks: " + ex.getMessage());
0074         }
0075     }
0076
0080     void loadAppetizer() {
0081         try {
0082             List<Appetizer> appetizers = apiClient.getAllAppetizers();
0083             for (Appetizer appetizer : appetizers) {
0084                 modelappetizers.addRow(new Object[]{
0085                     appetizer.getAppetizersId(),
0086                     appetizer.getItemAppetizers(),
0087                     appetizer.getAppetizersPrice()
0088                 });
0089             }
0090             jTable2.setModel(modelappetizers);
0091         } catch (Exception ex) {
0092             JOptionPane.showMessageDialog(null, "Error loading appetizers: " + ex.getMessage());
0093         }
0094     }
0095
0099     void loadmainCourse() {
0100         try {
0101             List<MainCourse> mainCourses = apiClient.getAllMainCourses();
0102             for (MainCourse mainCourse : mainCourses) {
0103                 modelmaincourse.addRow(new Object[]{
0104                     mainCourse.getFoodId(),
0105                     mainCourse.getItemFood(),
0106                     mainCourse.getFoodPrice()
0107                 });
0108         }
0109     }

```

```

00108         }
00109         jTable3.setModel(modelmaincourse);
00110     } catch (Exception ex) {
00111         JOptionPane.showMessageDialog(null, "Error loading main courses: " + ex.getMessage());
00112     }
00113 }
00114
00115 private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
00116     try {
00117         Drink newDrink = new Drink(null, itemname.getText(),
00118             Integer.parseInt(itemprice.getText()), null);
00119         apiClient.createDrink(newDrink);
00120         JOptionPane.showMessageDialog(null, "Drink Added Successfully.");
00121
00122         // Refresh table
00123         DefaultTableModel dtm = (DefaultTableModel) jTable1.getModel();
00124         dtm.setRowCount(0);
00125         loadDrinks();
00126     } catch (Exception ex) {
00127         JOptionPane.showMessageDialog(null, "Error adding drink: " + ex.getMessage());
00128     }
00129 }
00130
00131 @SuppressWarnings("unchecked")
00132 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents
00133 private void initComponents() {
00134
00135     jPanel1 = new javax.swing.JPanel();
00136     jLabel1 = new javax.swing.JLabel();
00137     jTabbedPane1 = new javax.swing.JTabbedPane();
00138     jPanel12 = new javax.swing.JPanel();
00139     itemname = new javax.swing.JTextField();
00140     itemprice = new javax.swing.JTextField();
00141     jScrollPane1 = new javax.swing.JScrollPane();
00142     jTable1 = new javax.swing.JTable();
00143     jButton1 = new javax.swing.JButton();
00144     jButton2 = new javax.swing.JButton();
00145     jLabel12 = new javax.swing.JLabel();
00146     jLabel13 = new javax.swing.JLabel();
00147     jLabel14 = new javax.swing.JLabel();
00148     jPanel13 = new javax.swing.JPanel();
00149     jLabel15 = new javax.swing.JLabel();
00150     jLabel16 = new javax.swing.JLabel();
00151     jLabel17 = new javax.swing.JLabel();
00152     jLabel18 = new javax.swing.JLabel();
00153     jLabel19 = new javax.swing.JLabel();
00154     jLabel20 = new javax.swing.JLabel();
00155     jLabel21 = new javax.swing.JLabel();
00156     jLabel22 = new javax.swing.JLabel();
00157     jLabel23 = new javax.swing.JLabel();
00158     jLabel24 = new javax.swing.JLabel();
00159     jLabel25 = new javax.swing.JLabel();
00160     jLabel26 = new javax.swing.JLabel();
00161     jLabel27 = new javax.swing.JLabel();
00162     jLabel28 = new javax.swing.JLabel();
00163     jLabel29 = new javax.swing.JLabel();
00164     jLabel30 = new javax.swing.JLabel();
00165     jScrollPane2 = new javax.swing.JScrollPane();
00166     jTable2 = new javax.swing.JTable();
00167     itemname1 = new javax.swing.JTextField();
00168     itemprice1 = new javax.swing.JTextField();
00169     jButton4 = new javax.swing.JButton();
00170     jButton5 = new javax.swing.JButton();
00171     jPanel14 = new javax.swing.JPanel();
00172     jLabel18 = new javax.swing.JLabel();
00173     jLabel19 = new javax.swing.JLabel();
00174     jLabel20 = new javax.swing.JLabel();
00175     jScrollPane3 = new javax.swing.JScrollPane();
00176     jTable3 = new javax.swing.JTable();
00177     itemname2 = new javax.swing.JTextField();
00178     itemprice2 = new javax.swing.JTextField();
00179     jButton6 = new javax.swing.JButton();
00180     jButton7 = new javax.swing.JButton();
00181     jButton3 = new javax.swing.JButton();
00182
00183     setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00184     setTitle("Admin");
00185     setResizable(false);
00186
00187     jPanel11.setBackground(new java.awt.Color(248, 244, 230));
00188
00189     jLabel11.setBackground(new java.awt.Color(255, 153, 0));
00190     jLabel11.setFont(new java.awt.Font("Yu Gothic UI", 1, 36)); // NOI18N
00191     jLabel11.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00192     jLabel11.setText("Items Prices Update Portal");
00193
00194     jTabbedPane1.setBackground(new java.awt.Color(248, 244, 230));
00195     jTabbedPane1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));
00196     jTabbedPane1.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
00197     jTabbedPane1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00198
00199     jPanel12.setBackground(new java.awt.Color(248, 244, 230));
00200
00201     itemname.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00202     itemname.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00203     itemname.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00204         javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",
00205         javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
00206         Gothic UI", 0, 18))); // NOI18N

```



```

00315         .addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE,
00316             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
00317         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00318             .addComponent(jLabelScrollPane, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
00319                 javax.swing.GroupLayout.PREFERRED_SIZE)
00320             .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
00321                 javax.swing.GroupLayout.PREFERRED_SIZE))
00322             .addGroup(jPanel2Layout.createSequentialGroup()
00323                 .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 1111,
00324                     javax.swing.GroupLayout.PREFERRED_SIZE)
00325                 .addGap(18, 18, 18))))
00326     );
00327     jPanel2Layout.setVerticalGroup(
00328         jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00329         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00330             jPanel2Layout.createSequentialGroup()
00331                 .addContainerGap()
00332                 .addComponent(jLabel12)
00333                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
00334                     Short.MAX_VALUE)
00335                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00336                     .addComponent(jLabel13)
00337                     .addComponent(jLabel14))
00338                     .addGap(18, 18, 18)
00339                     .addGroup(jPanel2Layout.createSequentialGroup()
00340                         .addComponent(itemname, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00341                             javax.swing.GroupLayout.PREFERRED_SIZE)
00342                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00343                             .addComponent(itemprice, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00344                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00345                             .addGap(37, 37, 37)
00346                         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00347                             .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00348                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00349                             .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00350                                 javax.swing.GroupLayout.PREFERRED_SIZE)))
00351                             .addComponent(jLabelScrollPane, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
00352                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00353                             .addGap(48, 48, 48))
00354             );
00355     );
00356     jTabbedPane1.addTab("Drinks", jPanel2);
00357
00358     jLabel13.setBackground(new java.awt.Color(248, 244, 230));
00359
00360     jLabel15.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00361     jLabel15.setText("Enter new appetizer information carefully to add.");
00362
00363     jLabel16.setBackground(new java.awt.Color(255, 153, 0));
00364     jLabel16.setFont(new java.awt.Font("Yu Gothic UI", 1, 25)); // NOI18N
00365     jLabel16.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00366     jLabel16.setText("Available Appetizer");
00367
00368     jLabel17.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00369     jLabel17.setText("Please select the appetizer to update the price.");
00370
00371     jTable2.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00372     jTable2.setModel(new javax.swing.table.DefaultTableModel(
00373         new Object [][] {
00374             {},
00375             {},
00376             {},
00377             {}
00378         },
00379         new String [] {
00380             ""
00381         }));
00382     jTable2.addMouseListener(new java.awt.event.MouseAdapter() {
00383         public void mouseClicked(java.awt.event.MouseEvent evt) {
00384             jTable2MouseClicked(evt);
00385         }
00386     });
00387     jScrollPane2.setViewportView(jTable2);
00388
00389     jLabel16.setLabelFor(jScrollPane2);
00390
00391     itemname1.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00392     itemname1.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00393     itemname1.setBorder(javax.swing.BorderFactory.createTitledBorder(new
00394         javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",
00395         javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu

```



```
00578         .addGap(24, 24, 24)
00579
00580     .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
00581             .addGroup(jPanel4Layout.createSequentialGroup()
00582                 .addComponent(jButton7, javax.swing.GroupLayout.PREFERRED_SIZE, 91,
00583                     javax.swing.GroupLayout.PREFERRED_SIZE)
00584                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00585                     109, Short.MAX_VALUE)
00586                 .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 103,
00587                     javax.swing.GroupLayout.PREFERRED_SIZE)
00588                 .addGap(8, 8, 8))
00589             .addComponent(itemprice2)
00590             .addComponent(itemname2, javax.swing.GroupLayout.DEFAULT_SIZE, 311,
00591                     Short.MAX_VALUE)
00592             .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE,
00593                     javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00594             .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00595                 .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
00596                     javax.swing.GroupLayout.PREFERRED_SIZE)
00597                 .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
00598                     javax.swing.GroupLayout.PREFERRED_SIZE)
00599                 .addGroup(jPanel4Layout.createSequentialGroup()
00600                     .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 1111,
00601                         javax.swing.GroupLayout.PREFERRED_SIZE)
00602                     .addGap(18, 18, 18)))
00603         );
00604     jPanel4Layout.setVerticalGroup(
00605         jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00606         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00607             jPanel4Layout.createSequentialGroup()
00608                 .addGroup(jPanel4Layout.createSequentialGroup()
00609                     .addComponent(itemname2, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00610                         javax.swing.GroupLayout.PREFERRED_SIZE)
00611                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
00612                         Short.MAX_VALUE)
00613                     .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00614                         .addComponent(jLabel8)
00615                         .addComponent(jLabel10))
00616                         .addGap(18, 18, 18)
00617                         .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00618                             .addGroup(jPanel4Layout.createSequentialGroup()
00619                                 .addComponent(itemprice2, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00620                         javax.swing.GroupLayout.PREFERRED_SIZE)
00621                                 .addGap(37, 37, 37)
00622                                 .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00623                                     .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00624                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00625                                     .addComponent(jButton7, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00626                                         javax.swing.GroupLayout.PREFERRED_SIZE))
00627                                     .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
00628                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00629                                     .addGap(48, 48, 48))
00630                                 );
00631
00632         );
00633
00634     jTabbedPane1.addTab("MainCourse", jPanel4);
00635
00636     jButton3.setBackground(new java.awt.Color(255, 255, 255));
00637     jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00638     jButton3.setText("Go Back");
00639     jButton3.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));
00640     jButton3.addActionListener(new java.awt.event.ActionListener() {
00641         public void actionPerformed(java.awt.event.ActionEvent evt) {
00642             jButton3ActionPerformed(evt);
00643         }
00644     });
00645
00646     javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00647     jPanel1.setLayout(jPanel1Layout);
00648     jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00649         .addGroup(jPanel1Layout.createSequentialGroup()
00650             .addGroup(jPanel1Layout.createSequentialGroup()
00651                 .addGroup(jPanel1Layout.createSequentialGroup()
00652                     .addGroup(jPanel1Layout.createSequentialGroup()
00653                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
00654                             javax.swing.GroupLayout.PREFERRED_SIZE)
00655                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00656                             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00657                         .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 689,
```

```

00650         javax.swing.GroupLayout.PREFERRED_SIZE)
00651             .addGap(218, 218, 218)
00652             .addGroup(jPanellLayout.createSequentialGroup()
00653                 .addComponent(jTabbedPane, javax.swing.GroupLayout.PREFERRED_SIZE,
00654                     javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00655                     .addContainerGap(29, Short.MAX_VALUE)))
00656     );
00657     jPanellLayout.setVerticalGroup(
00658         jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00659             .addGroup(jPanellLayout.createSequentialGroup()
00660                 .addGroup(jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
00661                     .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
00662                         javax.swing.GroupLayout.PREFERRED_SIZE)
00663                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
00664                             javax.swing.GroupLayout.PREFERRED_SIZE))
00665                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
00666                             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00667                         .addComponent(jTabbedPane, javax.swing.GroupLayout.PREFERRED_SIZE, 392,
00668                             javax.swing.GroupLayout.PREFERRED_SIZE)
00669                             .addGap(29, 29, 29))
00670             );
00671     );
00672     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00673     getContentPane().setLayout(layout);
00674     layout.setHorizontalGroup(
00675         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00676             .addGroup(layout.createSequentialGroup()
00677                 .addComponent(jPanell, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00678                     .addGap(0, 0, Short.MAX_VALUE))
00679     );
00680     pack();
00681     setLocationRelativeTo(null);
00682 } // </editor-fold> //GEN-END:initComponents
00683
00684 private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
00685 { //GEN-FIRST:event_jButton3ActionPerformed
00686     new AdminLogin().setVisible(true);
00687 } //GEN-LAST:event_jButton3ActionPerformed
00688
00689 private void jButton5ActionPerformed(java.awt.event.ActionEvent evt)
00690 { //GEN-FIRST:event_jButton5ActionPerformed
00691     try {
00692         Appetizer newAppetizer = new Appetizer(null, itemname1.getText(),
00693             Integer.parseInt(itemprice1.getText()), null);
00694         apiClient.createAppetizer(newAppetizer);
00695         JOptionPane.showMessageDialog(null, "Appetizer Added Successfully.");
00696
00697         // Refresh table
00698         DefaultTableModel dtm = (DefaultTableModel) jTable2.getModel();
00699         dtm.setRowCount(0);
00700         loadAppetizer();
00701     } catch (Exception ex) {
00702         JOptionPane.showMessageDialog(null, "Error adding appetizer: " + ex.getMessage());
00703     }
00704 } //GEN-LAST:event_jButton5ActionPerformed
00705
00706 private void jButton7ActionPerformed(java.awt.event.ActionEvent evt)
00707 { //GEN-FIRST:event_jButton7ActionPerformed
00708     try {
00709         MainCourse newMainCourse = new MainCourse(null, itemname2.getText(),
00710             Integer.parseInt(itemprice2.getText()), null);
00711         apiClient.createMainCourse(newMainCourse);
00712         JOptionPane.showMessageDialog(null, "Main Course Added Successfully.");
00713
00714         // Refresh table
00715         DefaultTableModel dtm = (DefaultTableModel) jTable3.getModel();
00716         dtm.setRowCount(0);
00717         loadmainCourse();
00718     } catch (Exception ex) {
00719         JOptionPane.showMessageDialog(null, "Error adding main course: " + ex.getMessage());
00720     }
00721 } //GEN-LAST:event_jButton7ActionPerformed
00722
00723 private void jTable1KeyPressed(java.awt.event.KeyEvent evt) { //GEN-FIRST:event_jTable1KeyPressed
00724     // Keep as is - no changes needed
00725 } //GEN-LAST:event_jTable1KeyPressed
00726

```

```

00766     private void jTable1MouseClicked(java.awt.event.MouseEvent evt)
00767     {//GEN-FIRST:event_jTable1MouseClicked
00768         String selectedIDKey = jTable1.getValueAt(jTable1.getSelectedRow(), 0).toString();
00769         selectedDrinkID = Long.valueOf(selectedIDKey);
00770         System.out.println("You select id " + selectedDrinkID + " of Drink to update.");
00771         try {
00772             Drink drink = apiClient.getDrinkById(selectedDrinkID);
00773             itemname.setText(drink.getItemDrinks());
00774             itemprice.setText(String.valueOf(drink.getDrinksPrice()));
00775         } catch (Exception ex) {
00776             JOptionPane.showMessageDialog(null, "Error loading drink: " + ex.getMessage());
00777         }
00778     }//GEN-LAST:event_jTable1MouseClicked
00779
00780     private void jTable2MouseClicked(java.awt.event.MouseEvent evt)
00781     {//GEN-FIRST:event_jTable2MouseClicked
00782         String selectedIDKey = jTable2.getValueAt(jTable2.getSelectedRow(), 0).toString();
00783         selectedAppetizerID = Long.valueOf(selectedIDKey);
00784         System.out.println("You select id " + selectedAppetizerID + " of appetizers to update.");
00785         try {
00786             Appetizer appetizer = apiClient.getAppetizerById(selectedAppetizerID);
00787             itemnamel.setText(appetizer.getItemAppetizers());
00788             itempricel.setText(String.valueOf(appetizer.getAppetizersPrice()));
00789         } catch (Exception ex) {
00790             JOptionPane.showMessageDialog(null, "Error loading appetizer: " + ex.getMessage());
00791         }
00792     }//GEN-LAST:event_jTable2MouseClicked
00793
00794     private void jTable3MouseClicked(java.awt.event.MouseEvent evt)
00795     {//GEN-FIRST:event_jTable3MouseClicked
00796         String selectedIDKey = jTable3.getValueAt(jTable3.getSelectedRow(), 0).toString();
00797         selectedMainCourseID = Long.valueOf(selectedIDKey);
00798         System.out.println("You select id " + selectedMainCourseID + " of maincourse to update.");
00799
00800         try {
00801             MainCourse mainCourse = apiClient.getMainCourseById(selectedMainCourseID);
00802             itemname2.setText(mainCourse.getItemFood());
00803             itemprice2.setText(String.valueOf(mainCourse.getFoodPrice()));
00804         } catch (Exception ex) {
00805             JOptionPane.showMessageDialog(null, "Error loading main course: " + ex.getMessage());
00806         }
00807     }//GEN-LAST:event_jTable3MouseClicked
00808
00809     private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
00810     {//GEN-FIRST:event_jButton1ActionPerformed
00811         try {
00812             Drink updatedDrink = new Drink(selectedDrinkID, itemname.getText(),
00813                 Integer.parseInt(itemprice.getText()), null);
00814             apiClient.updateDrink(selectedDrinkID, updatedDrink);
00815             JOptionPane.showMessageDialog(null, "Drink updated successfully.");
00816
00817             // Refresh table
00818             DefaultTableModel dtm = (DefaultTableModel) jTable1.getModel();
00819             dtm.setRowCount(0);
00820             loadDrinks();
00821         } catch (Exception ex) {
00822             JOptionPane.showMessageDialog(null, "Error updating drink: " + ex.getMessage());
00823         }
00824     }//GEN-LAST:event_jButton1ActionPerformed
00825
00826     private void jButton4ActionPerformed(java.awt.event.ActionEvent evt)
00827     {//GEN-FIRST:event_jButton4ActionPerformed
00828         try {
00829             Appetizer updatedAppetizer = new Appetizer(selectedAppetizerID, itemnamel.getText(),
00830                 Integer.parseInt(itempricel.getText()), null);
00831             apiClient.updateAppetizer(selectedAppetizerID, updatedAppetizer);
00832             JOptionPane.showMessageDialog(null, "Appetizer updated successfully.");
00833
00834             // Refresh table
00835             DefaultTableModel dtm = (DefaultTableModel) jTable2.getModel();
00836             dtm.setRowCount(0);
00837             loadAppetizer();
00838         } catch (Exception ex) {
00839             JOptionPane.showMessageDialog(null, "Error updating appetizer: " + ex.getMessage());
00840         }
00841     }//GEN-LAST:event_jButton4ActionPerformed
00842
00843     private void jButton6ActionPerformed(java.awt.event.ActionEvent evt)
00844     {//GEN-FIRST:event_jButton6ActionPerformed
00845         try {
00846             MainCourse updatedMainCourse = new MainCourse(selectedMainCourseID, itemname2.getText(),
00847                 Integer.parseInt(itemprice2.getText()), null);
00848             apiClient.updateMainCourse(selectedMainCourseID, updatedMainCourse);
00849             JOptionPane.showMessageDialog(null, "Main course updated successfully.");
00850         }
00851     }

```

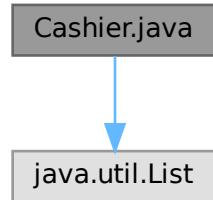
```

00889         // Refresh table
00890         DefaultTableModel dtm = (DefaultTableModel) jTable3.getModel();
00891         dtm.setRowCount(0);
00892         loadmainCourse();
00893     } catch (Exception ex) {
00894         JOptionPane.showMessageDialog(null, "Error updating main course: " + ex.getMessage());
00895     }
00896 } //GEN-LAST:event_jButton6ActionPerformed
00897
00901 public static void main(String args[]) {
00902     /* Set the Nimbus look and feel */
00903     //editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00904     /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00905      * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00906      */
00907     try {
00908         for (javax.swing.UIManager.LookAndFeelInfo info :
00909             javax.swing.UIManager.getInstalledLookAndFeels()) {
00910             if ("Nimbus".equals(info.getName())) {
00911                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
00912                 break;
00913             }
00914         } catch (ClassNotFoundException ex) {
00915
00916             java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00917             null, ex);
00918         } catch (InstantiationException ex) {
00919
00920             java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00921             null, ex);
00922         } catch (IllegalAccessException ex) {
00923
00924             java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00925             null, ex);
00926         } //
```

9.5 Cashier.java File Reference

Interfaz de usuario para el cajero (Cashier).

```
import java.util.List;  
Include dependency graph for Cashier.java:
```



Classes

- class [es.ull.esit.app.Cashier](#)

Packages

- package [es.ull.esit.app](#)

9.5.1 Detailed Description

Interfaz de usuario para el cajero (Cashier).

Proporciona botones para ver información, abrir el menú y cerrar sesión. También incorpora un cliente para comunicarse con el middleware REST (ApiClient) y cargar datos remotos de forma asíncrona.

Version

1.0

Definition in file [Cashier.java](#).

9.6 Cashier.java

[Go to the documentation of this file.](#)

```

00001 /*
00002 * To change this license header, choose License Headers in Project Properties.
00003 * To change this template file, choose Tools | Templates
00004 * and open the template in the editor.
00005 */
00006 package es.ull.esit.app;
00007
00008 import java.util.List;
00009
00010 public class Cashier extends javax.swing.JFrame {
00011
00012     private es.ull.esit.app.middleware.ApiClient api;
00013
00014     public Cashier() {
00015         this(new es.ull.esit.app.middleware.ApiClient("http://localhost:8080"));
00016     }
00017     public Cashier(String name) {
00018         this(new es.ull.esit.app.middleware.ApiClient("http://localhost:8080"), name);
00019     }
00020     public Cashier(es.ull.esit.app.middleware.ApiClient apiClient, String... optionalName) {
00021         initComponents();
00022         this.api = apiClient == null ? new
00023             es.ull.esit.app.middleware.ApiClient("http://localhost:8080") : apiClient;
00024         String name = (optionalName != null & optionalName.length>0) ? optionalName[0] : null;
00025         if (name == null || name.isEmpty()) {
00026             welcomeTxt.setText("Welcome Cashier,");
00027         } else {
00028             welcomeTxt.setText("Welcome " + name);
00029         }
00030     }
00031
00032     @SuppressWarnings("unchecked")
00033 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents
00034     private void initComponents() {
00035
00036         jPanell = new javax.swing.JPanel();
00037         welcomeTxt = new javax.swing.JLabel();
00038         jButton1 = new javax.swing.JButton();
00039         jButton2 = new javax.swing.JButton();
00040         jLabel1 = new javax.swing.JLabel();
00041         jButton3 = new javax.swing.JButton();
00042
00043         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00044         setTitle("Cashier");
00045         setResizable(false);
00046
00047         jPanell.setBackground(new java.awt.Color(248, 244, 230));
00048
00049         welcomeTxt.setFont(new java.awt.Font("Yu Gothic UI", 1, 24)); // NOI18N
00050         welcomeTxt.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00051         welcomeTxt.setText("Welcome Cashier");
00052
00053         jButton1.setBackground(new java.awt.Color(153, 153, 153));
00054         jButton1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00055         jButton1.setText("About us");
00056         jButton1.addActionListener(new java.awt.event.ActionListener() {
00057             public void actionPerformed(java.awt.event.ActionEvent evt) {
00058                 jButton1ActionPerformed(evt);
00059             }
00060         });
00061
00062         jButton2.setBackground(new java.awt.Color(153, 153, 153));
00063         jButton2.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00064         jButton2.setText("Menu");
00065         jButton2.addActionListener(new java.awt.event.ActionListener() {
00066             public void actionPerformed(java.awt.event.ActionEvent evt) {
00067                 jButton2ActionPerformed(evt);
00068             }
00069         });
00070
00071         jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); // NOI18N
00072
00073         jButton3.setBackground(new java.awt.Color(255, 255, 255));
00074         jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00075         jButton3.setText("LogOut");
00076         jButton3.addActionListener(new java.awt.event.ActionListener() {
00077             public void actionPerformed(java.awt.event.ActionEvent evt) {
00078                 jButton3ActionPerformed(evt);
00079             }
00080         });
00081
00082     }
00083
00084     /**
00085      * This method is called from within the constructor to
00086      * initialize the form.
00087      * WARNING: Do NOT modify this code. The content of this method is
00088      * always regenerated by the Form Editor.
00089      */
00090     // 
00091     //
00092
00093     // Variables declaration - do not modify//GEN-BEGIN:variables
00094     private javax.swing.JButton jButton1;
00095     private javax.swing.JButton jButton2;
00096     private javax.swing.JButton jButton3;
00097     private javax.swing.JLabel jLabel1;
00098     private javax.swing.JPanel jPanell;
00099     private javax.swing.JLabel welcomeTxt;
00100
00101     // End of variables declaration//GEN-END:variables
00102
00103     /**
00104      * @param args the command line arguments
00105      */
00106     public static void main(String args[]) {
00107         /* Create and display the form */
00108         java.awt.EventQueue.invokeLater(new Runnable() {
00109             public void run() {
00110                 new Cashier().setVisible(true);
00111             }
00112         });
00113     }
00114
00115     // Variables declaration - do not modify//GEN-BEGIN:variables
00116     private javax.swing.JLabel jLabel1;
00117     private javax.swing.JPanel jPanell;
00118     private javax.swing.JButton jButton1;
00119     private javax.swing.JButton jButton2;
00120     private javax.swing.JButton jButton3;
00121     private javax.swing.JLabel welcomeTxt;
00122
00123     // End of variables declaration//GEN-END:variables
00124
00125     /**
00126      * This method is called from within the constructor to
00127      * initialize the form.
00128      * WARNING: Do NOT modify this code. The content of this method is
00129      * always regenerated by the Form Editor.
00130      */
00131     // 
00132     //
00133     //
00134 }
```

```

00135     javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00136     jPanel1.setLayout(jPanel1Layout);
00137     jPanel1Layout.setHorizontalGroup(
00138         jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00139             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00140                 jPanel1Layout.createSequentialGroup()
00141                     .addGroup(jPanel1Layout.createSequentialGroup()
00142                         .addGap(109, Short.MAX_VALUE)
00143                         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00144                             .addComponent(welcomeTxt, javax.swing.GroupLayout.PREFERRED_SIZE, 299,
00145                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00146                             .addGroup(jPanel1Layout.createSequentialGroup()
00147                                 .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
00148                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00149                                 .addGap(98, 98, 98)
00150                                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00151                                     .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
00152                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00153                                     .addGap(190, 190, 190))))
00154                             .addGroup(jPanel1Layout.createSequentialGroup()
00155                                 .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
00156                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00157                                 .addGap(108, Short.MAX_VALUE)
00158                                 .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
00159                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00160                                 .addGap(99, 99, 99)))
00161                         .addGroup(jPanel1Layout.createSequentialGroup()
00162                             .addComponent(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00163                                 .addGap(45, 45, 45)
00164                                 .addComponent(welcomeTxt, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
00165                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00166                                 .addGap(18, 18, 18)
00167                                 .addComponent(jButton1)
00168                                 .addGap(49, 49, 49)
00169                                 .addGap(57, 57, 57)
00170                                 .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00171                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00172                                 .addGap(68, 68, 68))
00173                             .addGroup(jPanel1Layout.createSequentialGroup()
00174                                 .addGap(290, Short.MAX_VALUE)
00175                                 .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00176                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00177                                 .addGap(242, 242, 242)))
00178                     );
00179             javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00180             getContentPane().setLayout(layout);
00181             layout.setHorizontalGroup(
00182                 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00183                     .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00184                         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00185             );
00186             layout.setVerticalGroup(
00187                 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00188                     .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00189                         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00190             );
00191             pack();
00192             setLocationRelativeTo(null);
00193         } // </editor-fold>//GEN-END:initComponents
00194         // ...existing code...
00195
00196     private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
00197     { //GEN-FIRST:event_jButton1ActionPerformed
00198         // If you want to show cashier info instead of generic info
00199         new Thread(() -> {
00200             try {
00201                 // Example: get cashier data
00202                 List<es.ul1.esit.app.middleware.model.Cashier> cashiers = api.getAllCashiers();
00203                 System.out.println("Found " + cashiers.size() + " cashiers");
00204             }
00205         });
00206     }

```

```

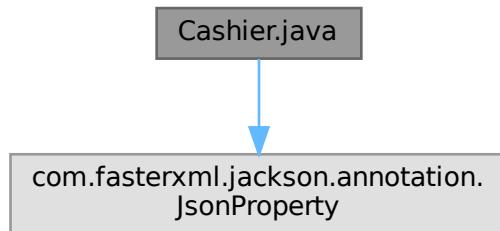
00208         } catch (Exception ex) {
00209             System.err.println("Error getting cashiers: " + ex.getMessage());
00210         }
00211         javax.swing.SwingUtilities.invokeLater(() -> {
00212             new Info().setVisible(true);
00213             dispose();
00214         });
00215     }).start();
00216 } //GEN-LAST:event_jButton1ActionPerformed
00217
00218     private void jButton2ActionPerformed(java.awt.event.ActionEvent evt)
00219     { //GEN-FIRST:event_jButton2ActionPerformed
00220         // Load menu items using new CRUD methods
00221         new Thread(() -> {
00222             try {
00223                 List<es.ul.esit.app.middleware.model.Appetizer> appetizers = api.getAllAppetizers();
00224                 List<es.ul.esit.app.middleware.model.Drink> drinks = api.getAllDrinks();
00225                 List<es.ul.esit.app.middleware.model.MainCourse> mainCourses =
00226                     api.getAllMainCourses();
00227
00228                 System.out.println("Menu loaded: " + appetizers.size() + " appetizers, " +
00229                                     drinks.size() + " drinks, " + mainCourses.size() + " main courses");
00230             } catch (Exception ex) {
00231                 System.err.println("Error loading menu: " + ex.getMessage());
00232             }
00233             javax.swing.SwingUtilities.invokeLater(() -> {
00234                 new Frame1().setVisible(true);
00235                 dispose();
00236             });
00237         }).start();
00238 } //GEN-LAST:event_jButton2ActionPerformed
00239
00240     private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
00241     { //GEN-FIRST:event_jButton3ActionPerformed
00242         // Opcional: notificar al middleware del logout
00243         new Thread(() -> {
00244             try {
00245                 api.login(""); // simple ping/logout placeholder
00246             } catch (Exception ex) {
00247                 // ignora
00248             }
00249             javax.swing.SwingUtilities.invokeLater(() -> {
00250                 new Login().setVisible(true);
00251                 dispose();
00252             });
00253         }).start();
00254     } //GEN-LAST:event_jButton3ActionPerformed
00255
00256     public static void main(String args[]) {
00257         /* Set the Nimbus look and feel */
00258         /*<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00259         /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00260          * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00261         */
00262         try {
00263             for (javax.swing.UIManager.LookAndFeelInfo info :
00264                 javax.swing.UIManager.getInstalledLookAndFeels()) {
00265                 if ("Nimbus".equals(info.getName())) {
00266                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00267                     break;
00268                 }
00269             }
00270         } catch (ClassNotFoundException ex) {
00271             java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00272             ex);
00273         } catch (InstantiationException ex) {
00274             java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00275             ex);
00276         } catch (IllegalAccessException ex) {
00277             java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00278             ex);
00279         } catch (UnsupportedLookAndFeelException ex) {
00280             java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00281             ex);
00282         } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00283             java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00284             ex);
00285         }
00286     } //</editor-fold>
00287
00288     /* Create and display the form */
00289     java.awt.EventQueue.invokeLater(new Runnable() {
00290         public void run() {
00291             new Cashier().setVisible(true);
00292         }
00293     });
00294 }
```

```

00293     }
00294
00295     // Variables declaration - do not modify//GEN-BEGIN:variables
00296     private javax.swing.JButton jButton1;
00297     private javax.swing.JButton jButton2;
00298     private javax.swing.JButton jButton3;
00299     private javax.swing.JLabel jLabel1;
00300     private javax.swing.JPanel jPanel1;
00301     private javax.swing.JLabel welcomeTxt;
00302     // End of variables declaration//GEN-END:variables
00303 }
```

9.7 middleware/model/Cashier.java File Reference

import com.fasterxml.jackson.annotation.JsonProperty;
 Include dependency graph for middleware/model/Cashier.java:



Classes

- class [es.ull.esit.app.middleware.model.Cashier](#)
Cashier model class.

Packages

- package [es.ull.esit.app.middleware.model](#)

9.8 middleware/model/Cashier.java

[Go to the documentation of this file.](#)

```

00001 package es.ull.esit.app.middleware.model;
00002
00003 import com.fasterxml.jackson.annotation.JsonProperty;
00004
00005 public class Cashier {
00006     @JsonProperty("id")
00007     private Long id;
00008
00009     @JsonProperty("name")
00010     private String name;
00011
00012     @JsonProperty("salary")
00013     private Integer salary;
00014
00015 }
```

```

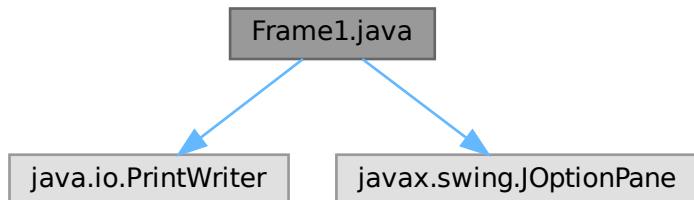
00017     public Cashier() {}
00018
00019
00020     public Cashier(Long id, String name, Integer salary) {
00021         this.id = id;
00022         this.name = name;
00023         this.salary = salary;
00024     }
00025     public Long getId() { return id; }
00026
00027     public void setId(Long id) { this.id = id; }
00028
00029     public String getName() { return name; }
00030
00031     public void setName(String name) { this.name = name; }
00032
00033     public Integer getSalary() { return salary; }
00034
00035     public void setSalary(Integer salary) { this.salary = salary; }
00036
00037 }
00038
00039 }
```

9.9 Frame1.java File Reference

Ventana principal del menú y gestión de recibos (UI de pedidos).

```
import java.io.PrintWriter;
import javax.swing.JOptionPane;
```

Include dependency graph for Frame1.java:



Classes

- class [es.ull.esit.app.Frame1](#)

Packages

- package [es.ull.esit.app](#)

9.9.1 Detailed Description

Ventana principal del menú y gestión de recibos (UI de pedidos).

Contiene controles para seleccionar cantidades de ítems (bebidas, aperitivos y platos principales), calcular subtotales, IVA y total, y funcionalidades básicas para guardar y crear recibos.

Definition in file [Frame1.java](#).

9.10 Frame1.java

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```
00001 /*
00002 * To change this license header, choose License Headers in Project Properties.
00003 * To change this template file, choose Tools | Templates
00004 * and open the template in the editor.
00005 */
00006 package es.ull.esit.app;
00007
00008 import java.io.PrintWriter;
00009 import javax.swing.JOptionPanel;
0010
0019 public class Frame1 extends javax.swing.JFrame {
0021     int colaNum, upNum, orangeNum, mojitoNum, friesNum, moltenNum, macNum, shrimpNum, pizzaNum,
0022         pastaNum, salmonNum,
0023             spaghettiNum;
0024     double cola_Price, up_Price, mojito_Price, orange_Price, molten_Price, mac_Price, fries_Price,
0025         pizza_Price, pasta_Price, salmon_Price, spaghetti_Price;
0027     final double colaCost = 6.0, upCost = 6.0, mojitoCost = 14.0, orangeCost = 10.0, moltenCost =
0028     28.0, macCost = 39.0,
0029         friesCost = 32.0, shrimpCost = 42.0, pizzaCost = 60.0, pastaCost = 52.0, salmonCost =
0030     71.0,
0031         spaghettiCost = 55.0;
0032     double subTotal, vat, total;
0033     int receiptNo;
0035     PrintWriter output;
0036
0040     public Frame1() {
0041         initComponents();
0042     }
0043
0048     void loadPrice() {
0049
0050     }
0051
0057     @SuppressWarnings("unchecked")
0058     // <editor-fold defaultstate="collapsed" desc="Generated
0059     // Code">/GEN-BEGIN:initComponents
0060     private void initComponents() {
0061
0062         jPanel2 = new javax.swing.JPanel();
0063         DrinksPnl = new javax.swing.JPanel();
0064         colaLbl = new javax.swing.JLabel();
0065         upLbl = new javax.swing.JLabel();
0066         mojitoLbl = new javax.swing.JLabel();
0067         colaCounts = new javax.swing.JSpinner();
0068         upCounts = new javax.swing.JSpinner();
0069         mojitoCounts = new javax.swing.JSpinner();
0070         orangLbl = new javax.swing.JLabel();
0071         orangeCounts = new javax.swing.JSpinner();
0072         orangePriceLbl = new javax.swing.JLabel();
0073         upPriceLbl = new javax.swing.JLabel();
0074         colaPriceLbl = new javax.swing.JLabel();
0075         mojitoPriceLbl = new javax.swing.JLabel();
0076         AppetizerPnl = new javax.swing.JPanel();
0077         friesLbl = new javax.swing.JLabel();
0078         moltenLbl = new javax.swing.JLabel();
0079         shrimpLbl = new javax.swing.JLabel();
0080         friesCounts = new javax.swing.JSpinner();
0081         moltenCounts = new javax.swing.JSpinner();
0082         shrimpCounts = new javax.swing.JSpinner();
0083         macLbl = new javax.swing.JLabel();
0084         macCounts = new javax.swing.JSpinner();
0085         friesPriceLbl = new javax.swing.JLabel();
0086         moltenPriceLbl = new javax.swing.JLabel();
0087         macPriceLbl = new javax.swing.JLabel();
0088         shrimpPriceLbl = new javax.swing.JLabel();
0089         MainCoursePnl = new javax.swing.JPanel();
0090         pizzaLbl = new javax.swing.JLabel();
0091         pastaLbl = new javax.swing.JLabel();
0092         spaghettiLbl = new javax.swing.JLabel();
0093         pizzaCounts = new javax.swing.JSpinner();
0094         pastaCounts = new javax.swing.JSpinner();
0095         spaghettiCounts = new javax.swing.JSpinner();
0096         salmonLbl = new javax.swing.JLabel();
0097         salmonCounts = new javax.swing.JSpinner();
0098         pizzaPriceLbl = new javax.swing.JLabel();
0099         spaghettiPriceLbl = new javax.swing.JLabel();
0100         salmonPriceLbl = new javax.swing.JLabel();
0101         pastaPriceLbl = new javax.swing.JLabel();
0102         spaghettiSpicy = new javax.swing.JCheckBox();
0103         pizzaSpicy = new javax.swing.JCheckBox();
0104         pastaChicken = new javax.swing.JCheckBox();
```

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00105 salmonRice = new javax.swing.JCheckBox();
00106 jPanell = new javax.swing.JPanel();
00107 subTotalLbl = new javax.swing.JLabel();
00108 vatLbl = new javax.swing.JLabel();
00109 totalLbl = new javax.swing.JLabel();
00110 receiptNoLbl = new javax.swing.JLabel();
00111 payBtn = new javax.swing.JButton();
00112 newReceiptBtn = new javax.swing.JButton();
00113 saveReceiptBtn = new javax.swing.JButton();
00114 jLabel11 = new javax.swing.JLabel();
00115 goBackMenueBtn = new javax.swing.JButton();
00116 jLabel12 = new javax.swing.JLabel();
00117
00118 setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00119 setTitle("Menu");
00120 setBackground(new java.awt.Color(204, 204, 204));
00121 setResizable(false);
00122
00123 jPanel12.setBackground(new java.awt.Color(248, 244, 230));
00124
00125 DranksPnl.setBackground(new java.awt.Color(248, 244, 230));
00126 DranksPnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00127     new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Drinks",
00128     javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00129     new java.awt.Font("Yu Gothic UI", 0, 18))); // NOI18N
00130 DranksPnl.setPreferredSize(new java.awt.Dimension(260, 278));
00131
00132 colaLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00133 colaLbl.setText("Cola");
00134
00135 upLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00136 upLbl.setText("7up");
00137
00138 mojitoLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00139 mojitoLbl.setText("Mojito");
00140
00141 colacountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00142 colacountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00143 colacountS.addChangeListener(new javax.swing.event.ChangeListener() {
00144     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00145         colacountSSStateChanged(evt);
00146     }
00147 });
00148
00149 upCounts.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00150 upCounts.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00151 upCounts.addChangeListener(new javax.swing.event.ChangeListener() {
00152     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00153         upCountsStateChanged(evt);
00154     }
00155 });
00156
00157 mojitoCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00158 mojitoCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00159 mojitoCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00160     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00161         mojitoCountSSStateChanged(evt);
00162     }
00163 });
00164
00165 orangLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00166 orangLbl.setText("Orange juice");
00167
00168 orangeCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00169 orangeCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00170 orangeCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00171     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00172         orangeCountSSStateChanged(evt);
00173     }
00174 });
00175
00176 orangePriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00177 orangePriceLbl.setText("0.0 SR");
00178
00179 upPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00180 upPriceLbl.setText("0.0 SR");
00181
00182 colapriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00183 colapriceLbl.setText("0.0 SR");
00184
00185 mojitoPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00186 mojitoPriceLbl.setText("0.0 SR");
00187
00188 javax.swing.GroupLayout DranksPnlLayout = new javax.swing.GroupLayout(DranksPnl);
00189 DranksPnl.setLayout(DranksPnlLayout);
00190 DranksPnlLayout.setHorizontalGroup(
00191     DranksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00192         .addGroup(DranksPnlLayout.createSequentialGroup()
00193             .addContainerGap()
00194             .addComponent(jPanel12, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00195             .addContainerGap())
00196         .addGroup(DranksPnlLayout.createSequentialGroup()
00197             .addContainerGap()
00198             .addComponent(DrinksPnl, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00199             .addContainerGap())
00200     )
00201 
```

```
00213     .addGroup(DrinksPnlLayout.createSequentialGroup())
00214
00215     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00216         .addGroup(DrinksPnlLayout.createSequentialGroup()
00217             .addGap(15, 15, 15)
00218             .addComponent(colaLbl,
00219                 javax.swing.GroupLayout.PREFERRED_SIZE, 95,
00220             javax.swing.GroupLayout.PREFERRED_SIZE,
00221             javax.swing.GroupLayout.PREFERRED_SIZE,
00222             javax.swing.GroupLayout.PREFERRED_SIZE,
00223             javax.swing.GroupLayout.PREFERRED_SIZE,
00224             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00225             .addComponent(colaPriceLbl))
00226         .addGroup(DrinksPnlLayout.createSequentialGroup()
00227             .addGap(15, 15, 15)
00228             .addComponent(upLbl,
00229                 javax.swing.GroupLayout.PREFERRED_SIZE, 95,
00230             javax.swing.GroupLayout.PREFERRED_SIZE,
00231             javax.swing.GroupLayout.PREFERRED_SIZE,
00232             javax.swing.GroupLayout.PREFERRED_SIZE,
00233             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00234             .addComponent(upPriceLbl))
00235         .addGroup(DrinksPnlLayout.createSequentialGroup()
00236             .addGap(5, 5, 5)
00237             .addComponent(orangLbl)
00238             .addGap(12, 12, 12)
00239             .addComponent(orangeCounts,
00240                 javax.swing.GroupLayout.PREFERRED_SIZE,
00241                 javax.swing.GroupLayout.DEFAULT_SIZE,
00242                 javax.swing.GroupLayout.PREFERRED_SIZE),
00243             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00244             .addComponent(orangePriceLbl))
00245         .addGroup(DrinksPnlLayout.createSequentialGroup()
00246             .addGap(15, 15, 15)
00247             .addComponent(mojitoLbl,
00248                 javax.swing.GroupLayout.PREFERRED_SIZE, 95,
00249             javax.swing.GroupLayout.PREFERRED_SIZE,
00250             javax.swing.GroupLayout.PREFERRED_SIZE,
00251             javax.swing.GroupLayout.PREFERRED_SIZE,
00252             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00253             .addComponent(mojitoPriceLbl)))
00254         .addContainerGap(14, Short.MAX_VALUE));
00255     DrinksPnlLayout.setVerticalGroup(
00256         DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00257             .addGroup(DrinksPnlLayout.createSequentialGroup()
00258                 .addGap(8, 8, 8)
00259             .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00260                 .addComponent(colaLbl)
00261                 .addGroup(DrinksPnlLayout
00262                     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00263                         .addComponent(colaPriceLbl)
00264                         .addComponent(colaCounts,
00265                             javax.swing.GroupLayout.PREFERRED_SIZE,
00266                             javax.swing.GroupLayout.DEFAULT_SIZE,
00267                             javax.swing.GroupLayout.PREFERRED_SIZE))
00268                 .addGap(8, 8, 8)
00269             .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00270                 .addComponent(upLbl)
00271                 .addGroup(DrinksPnlLayout
00272                     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00273                         .addComponent(upPriceLbl)
00274                         .addComponent(upCounts,
00275                             javax.swing.GroupLayout.PREFERRED_SIZE,
00276                             javax.swing.GroupLayout.DEFAULT_SIZE,
00277                             javax.swing.GroupLayout.PREFERRED_SIZE))
00278             .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00279                 .addComponent(orangLbl)
00280                 .addGroup(DrinksPnlLayout
```

```

00281     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00282         .addComponent(orangeCounts,
00283             javax.swing.GroupLayout.PREFERRED_SIZE,
00284                 javax.swing.GroupLayout.DEFAULT_SIZE,
00285                     javax.swing.GroupLayout.PREFERRED_SIZE))
00286     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00287         .addGroup(DrinksPnlLayout.createSequentialGroup()
00288             .addGap(8, 8, 8)
00289             .addComponent(mojitoLbl))
00290         .addGroup(DrinksPnlLayout.createSequentialGroup()
00291             .addGap(8, 8, 8)
00292             .addComponent(DrinksPnlLayout))
00293     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00294         .addComponent(mojitoCounts,
00295             javax.swing.GroupLayout.PREFERRED_SIZE,
00296                 javax.swing.GroupLayout.PREFERRED_SIZE)
00297             .addComponent(mojitoPriceLbl)))
00298     .addContainerGap(28, Short.MAX_VALUE));
00299
00300     AppetizerPnl.setBackground(new java.awt.Color(248, 244, 230));
00301     AppetizerPnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00302         new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Appetizers",
00303             javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00304                 new java.awt.Font("Yu Gothic UI", 0, 18))); // NOI18N
00305     AppetizerPnl.setPreferredSize(new java.awt.Dimension(260, 278));
00306
00307     friesLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00308     friesLbl.setText("Truffel Fries");
00309
00310     moltenLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00311     moltenLbl.setText("Molten Chocolate");
00312
00313     shrimpLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00314     shrimpLbl.setText("Dynamite Shrimp");
00315
00316     friesCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00317     friesCountS.setModel(new javax.swing.spinner.SpinnerNumberModel(0, 0, 10, 1));
00318     friesCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00319         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00320             friesCountSStateChanged(evt);
00321         }
00322     });
00323
00324     moltenCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00325     moltenCountS.setModel(new javax.swing.spinner.SpinnerNumberModel(0, 0, 10, 1));
00326     moltenCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00327         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00328             moltenCountSStateChanged(evt);
00329         }
00330     });
00331
00332     shrimpCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00333     shrimpCountS.setModel(new javax.swing.spinner.SpinnerNumberModel(0, 0, 10, 1));
00334     shrimpCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00335         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00336             shrimpCountSStateChanged(evt);
00337         }
00338     });
00339
00340     macLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00341     macLbl.setText("Mac&Cheese Balls");
00342
00343     macCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00344     macCountS.setModel(new javax.swing.spinner.SpinnerNumberModel(0, 0, 10, 1));
00345     macCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00346         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00347             macCountSStateChanged(evt);
00348         }
00349     });
00350
00351     friesPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00352     friesPriceLbl.setText("0.0 SR");
00353
00354     moltenPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00355     moltenPriceLbl.setText("0.0 SR");
00356
00357     macPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00358     macPriceLbl.setText("0.0 SR");
00359
00360     shrimpPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N

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```
00381     shrimpPriceLbl.setText("0.0 SR");
00382
00383     javax.swing.GroupLayout AppetizerPnlLayout = new javax.swing.GroupLayout(AppetizerPnl);
00384     AppetizerPnl.setLayout(AppetizerPnlLayout);
00385     AppetizerPnlLayout.setHorizontalGroup(
00386         AppetizerPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00387             .addGroup(AppetizerPnlLayout.createSequentialGroup()
00388                 .addGap(24, 24, 24)
00389                 .addGroup(AppetizerPnlLayout
00390                     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00391                         .addGroup(AppetizerPnlLayout.createSequentialGroup()
00392                             .addComponent(friesLbl,
00393                                 javax.swing.GroupLayout.PREFERRED_SIZE, 158,
00394                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00395                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 31,
00396                                 Short.MAX_VALUE)
00397                             .addComponent(friesCounts,
00398                                 javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00399                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00400                         .addGroup(AppetizerPnlLayout.createSequentialGroup()
00401                             .addComponent(shrimpLbl)
00402                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00403                                 Short.MAX_VALUE)
00404                             .addComponent(shrimpCounts,
00405                                 javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00406                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00407                             .addComponent(shrimpPriceLbl)
00408                         .addGroup(AppetizerPnlLayout.createSequentialGroup()
00409                             .addComponent(moltenLbl,
00410                                 javax.swing.GroupLayout.DEFAULT_SIZE,
00411                                 Short.MAX_VALUE)
00412                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00413                             .addComponent(moltenCounts,
00414                                 javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00415                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00416                             .addGroup(AppetizerPnlLayout.createSequentialGroup()
00417                             .addComponent(macLbl)
00418                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00419                                 Short.MAX_VALUE)
00420                             .addComponent(macCounts,
00421                                 javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00422                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00423                             .addComponent(macPriceLbl)))
00424                         .addContainerGap()));
00425     AppetizerPnlLayout.setVerticalGroup(
00426         AppetizerPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00427             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00428                 AppetizerPnlLayout.createSequentialGroup()
00429                     .addComponent(friesLbl,
00430                         javax.swing.GroupLayout.PREFERRED_SIZE, 20,
00431                         javax.swing.GroupLayout.PREFERRED_SIZE)
00432                     .addComponent(AppetizerPnlLayout
00433                         .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00434                             .addComponent(friesCounts,
00435                                 javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00436                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00437                             .addComponent(friesPriceLbl))
00438                     .addGroup(AppetizerPnlLayout
00439                         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00440                             .addComponent(moltenLbl)
00441                             .addComponent(AppetizerPnlLayout
00442                                 .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00443                                     .addComponent(moltenCounts,
00444                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00445                                         javax.swing.GroupLayout.DEFAULT_SIZE,
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00446                               javax.swing.GroupLayout.PREFERRED_SIZE)
00447                               .addComponent(moltenPriceLbl)))
00448                               .addGroup(AppetizerPnlLayout
00449
00450                               .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00451                               .addGroup(AppetizerPnlLayout.createSequentialGroup()
00452                               .addGap(14, 14, 14)
00453                               .addComponent(macLbl))
00454                               .addGroup(AppetizerPnlLayout.createSequentialGroup()
00455
00456                               .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00457                               .addGroup(AppetizerPnlLayout
00458
00459                               .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00460                               .addComponent(macPriceLbl)
00461                               .addComponent(macCounts,
00462
00463                               javax.swing.GroupLayout.PREFERRED_SIZE,
00464                               30,
00465                               javax.swing.GroupLayout.PREFERRED_SIZE)))
00466                               .addGroup(AppetizerPnlLayout
00467                               .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00468                               .addComponent(shrimpLbl)
00469                               .addGroup(AppetizerPnlLayout
00470
00471                               .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00472                               .addComponent(shrimpCounts,
00473                               javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00474                               javax.swing.GroupLayout.PREFERRED_SIZE)
00475                               .addComponent(shrimpPriceLbl)))
00476                               .addContainerGap()));
00477
00478 MainCoursePnl.setBackground(new java.awt.Color(248, 244, 230));
00479 MainCoursePnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00480     new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Main
00481 Course",
00482     javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00483     new java.awt.Font("Yu Gothic UI", 0, 18))); // NOI18N
00484 MainCoursePnl.setPreferredSize(new java.awt.Dimension(260, 278));
00485
00486 pizzaLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00487 pizzaLbl.setText("Buratta Pizza");
00488
00489 pastaLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00490 pastaLbl.setText("Pink Pasta");
00491 pastaLbl.setToolTipText("");
00492
00493 spaghettiLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00494 spaghettiLbl.setText("Spaghetti");
00495
00496 pizzaCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00497 pizzaCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00498 pizzaCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00499     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00500         pizzaCountSSStateChanged(evt);
00501     }
00502 });
00503
00504 pastaCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00505 pastaCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00506 pastaCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00507     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00508         pastaCountSSStateChanged(evt);
00509     }
00510 });
00511
00512 spaghettiCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00513 spaghettiCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00514 spaghettiCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00515     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00516         spaghettiCountSSStateChanged(evt);
00517     }
00518 });
00519
00520 salmonLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00521 salmonLbl.setText("Rosemary Salmon");
00522
00523 salmonCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00524 salmonCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00525 salmonCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00526     public void stateChanged(javax.swing.event.ChangeEvent evt) {
00527         salmonCountSSStateChanged(evt);
00528     }
00529 });
00530
00531 pizzaPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N

```



```
00641     .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00642     MainCoursePnlLayout.createSequentialGroup())
00643     .addComponent(pizzaCounts,
00644     javax.swing.GroupLayout.PREFERRED_SIZE,
00645     javax.swing.GroupLayout.DEFAULT_SIZE,
00646     javax.swing.GroupLayout.PREFERRED_SIZE)
00647     .addGroup(MainCoursePnlLayout
00648     .createParallelGroup(
00649     javax.swing.GroupLayout.Alignment.LEADING)
00650     .addGroup(MainCoursePnlLayout
00651     .createSequentialGroup()
00652     .addPreferredGap(
00653     javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00654     .addComponent(pizzaSpicy)
00655     .addPreferredGap(
00656     javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00657     javax.swing.GroupLayout.DEFAULT_SIZE,
00658     Short.MAX_VALUE)
00659     .addGroup(
00660     javax.swing.GroupLayout.Alignment.TRAILING,
00661     MainCoursePnlLayout
00662     .createSequentialGroup()
00663     .addPreferredGap(
00664     javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00665     javax.swing.GroupLayout.DEFAULT_SIZE,
00666     Short.MAX_VALUE)
00667     .addGroup(
00668     MainCoursePnlLayout
00669     .createParallelGroup(
00670     javax.swing.GroupLayout.Alignment.LEADING)
00671     .addComponent(
00672     salmonRice)
00673     .addComponent(
00674     pastaChicken)
00675     .addComponent(
00676     spaghettiSpicy))
00677     .addGap(18, 18, 18)))
00678     .addComponent(pizzaPriceLbl))
00679     .addGroup(MainCoursePnlLayout.createSequentialGroup()
00680     .addGroup(MainCoursePnlLayout.createParallelGroup(
00681     javax.swing.GroupLayout.Alignment.TRAILING)
00682     .addComponent(spaghettiCounts,
00683     javax.swing.GroupLayout.PREFERRED_SIZE,
00684     javax.swing.GroupLayout.PREFERRED_SIZE)
00685     .addComponent(salmonCounts,
00686     javax.swing.GroupLayout.PREFERRED_SIZE,
00687     javax.swing.GroupLayout.PREFERRED_SIZE,
00688     74,
```

```
00689     javax.swing.GroupLayout.PREFERRED_SIZE)
00690                                         .addComponent(pastaCounts,
00691
00692     javax.swing.GroupLayout.PREFERRED_SIZE,
00693     javax.swing.GroupLayout.DEFAULT_SIZE,
00694     javax.swing.GroupLayout.PREFERRED_SIZE))
00695                                         .addPreferredGap(
00696
00697     javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00698     javax.swing.GroupLayout.DEFAULT_SIZE,
00699                                         Short.MAX_VALUE)
00700
00701     javax.swing.GroupLayout.Alignment.LEADING)
00702                                         .addComponent(pastaPriceLbl,
00703
00704     javax.swing.GroupLayout.Alignment.TRAILING)
00705                                         .addComponent(salmonPriceLbl,
00706
00707     javax.swing.GroupLayout.Alignment.TRAILING)))
00708                                         .addContainerGap(21, Short.MAX_VALUE));
00709     MainCoursePnlLayout.setVerticalGroup(
00710         MainCoursePnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00711         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, MainCoursePnlLayout
00712             .createSequentialGroup()
00713                 .addGroup(MainCoursePnlLayout.createSequentialGroup()
00714                     .addGap(46, 46, 46)
00715                     .addComponent(pizzaPriceLbl)
00716
00717                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00718                     .addComponent(pastaPriceLbl)
00719                     .addGap(13, 13, 13))
00720                     .addGroup(MainCoursePnlLayout.createSequentialGroup()
00721                         .addGap(Short.MAX_VALUE)
00722                         .addGroup(MainCoursePnlLayout
00723                             .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00724                             .addGroup(MainCoursePnlLayout.createSequentialGroup()
00725                                 .addGap(5, 5, 5)
00726                                 .addComponent(pizzaLbl))
00727                                 .addGroup(MainCoursePnlLayout
00728                                     .createSequentialGroup()
00729                                         .addComponent(pizzaSpicy)
00730                                         .addComponent(pizzaCounts,
00731
00732                                         javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00733                                         javax.swing.GroupLayout.PREFERRED_SIZE)))
00734                                         .addGroup(MainCoursePnlLayout
00735                                         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00736                                         .addGroup(MainCoursePnlLayout.createSequentialGroup()
00737                                             .addGroup(MainCoursePnlLayout.createParallelGroup(
00738                                                 .addComponent(pastaLbl)
00739
00740                                         javax.swing.GroupLayout.Alignment.BASELINE)
00741                                         .addComponent(pastaCounts,
00742                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00743                                         javax.swing.GroupLayout.PREFERRED_SIZE)))
00744                                         .addGroup(MainCoursePnlLayout.createSequentialGroup()
00745                                         .addGap(30,
00746                                         javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00747                                         .addComponent(pastaChicken))))
```

```
00748 .addGap(1, 1, 1))
00749 .addGroup(MainCoursePnlLayout)
00750
00751 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00752 .addComponent(salmonLbl)
00753 .addComponent(salmonCounts,
00754 javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00755 javax.swing.GroupLayout.PREFERRED_SIZE)
00756 .addComponent(salmonPriceLbl)
00757 .addComponent(salmonRice))
00758 .addGroup(MainCoursePnlLayout)
00759
00760 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00761 .addGroup(MainCoursePnlLayout.createSequentialGroup()
00762 .addGroup(5, 5, 5)
00763 .addGroup(MainCoursePnlLayout)
00764
00765 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00766 .addComponent(spaghettiLbl)
00767 .addGroup(MainCoursePnlLayout)
00768 .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00769 .addComponent(spaghettiSpicy)
00770 .addComponent(spaghettiCounts,
00771 javax.swing.GroupLayout.PREFERRED_SIZE,
00772 javax.swing.GroupLayout.DEFAULT_SIZE,
00773 javax.swing.GroupLayout.PREFERRED_SIZE)))
00774 .addGroup(MainCoursePnlLayout.createSequentialGroup()
00775
00776 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00777 .addComponent(spaghettiPriceLbl)))
00778
00779 jPanell.setBackground(new java.awt.Color(248, 244, 230));
00780 jPanell.setBorder(javax.swing.BorderFactory.createTitledBorder(
00781 new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Receipt",
00782 javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00783 new java.awt.Font("Yu Gothic UI", 0, 14))); // NOI18N
00784
00785 subTotalLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00786 subTotalLbl.setText("SubTotal: 0.0 SR");
00787
00788 vatLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00789 vatLbl.setText("VAT included: 0.0 SR");
00790
00791 totalLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00792 totalLbl.setText("Total: 0.0 SR");
00793
00794 receiptNoLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 14)); // NOI18N
00795 receiptNoLbl.setText("Receipt No. : 0");
00796
00797 javax.swing.GroupLayout jPanellLayout = new javax.swing.GroupLayout(jPanell);
00798 jPanell.setLayout(jPanellLayout);
00799 jPanellLayout.setHorizontalGroup(
00800 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00801 .addGroup(jPanellLayout.createSequentialGroup()
00802 .addGroup(jPanellLayout.createSequentialGroup()
00803 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00804 .addGroup(jPanellLayout.createSequentialGroup()
00805 .addComponent(totalLbl)
00806 .addComponent(subTotalLbl))
00807 .addGroup(jPanellLayout.createSequentialGroup()
00808 .addGroup(jPanellLayout.createSequentialGroup()
00809 .addGroup(jPanellLayout.createSequentialGroup()
00810 .addGroup(jPanellLayout.createSequentialGroup()
00811 .addGroup(jPanellLayout.createSequentialGroup()
00812 .addGroup(jPanellLayout.createSequentialGroup()
00813 .addGroup(jPanellLayout.createSequentialGroup()
00814 .addGroup(jPanellLayout.createSequentialGroup()
00815 .addGroup(jPanellLayout.createSequentialGroup()
00816 .addGroup(jPanellLayout.createSequentialGroup()
00817 .addGroup(jPanellLayout.createSequentialGroup()
00818 .addGroup(jPanellLayout.createSequentialGroup()
00819 .addGroup(jPanellLayout.createSequentialGroup()
00820 .addGroup(jPanellLayout.createSequentialGroup()
00821 .addGroup(jPanellLayout.createSequentialGroup()
00822 .addGroup(jPanellLayout.createSequentialGroup()
```



```

00915     javax.swing.GroupLayout.PREFERRED_SIZE,
00916     javax.swing.GroupLayout.PREFERRED_SIZE))
00917         .addGap(28, 28, 28)
00918         .addComponent(jPanell,
00919             javax.swing.GroupLayout.PREFERRED_SIZE,
00920             javax.swing.GroupLayout.DEFAULT_SIZE,
00921             javax.swing.GroupLayout.PREFERRED_SIZE)
00922             .addGap(163, 163, 163))
00923     .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00924         javax.swing.GroupLayout.PREFERRED_SIZE,
00925             jPanel2Layout.createSequentialGroup()
00926             .addGap(0, 0, Short.MAX_VALUE)
00927             .addComponent(AppetizerPnl,
00928                 javax.swing.GroupLayout.PREFERRED_SIZE,
00929                     382,
00930                     javax.swing.GroupLayout.PREFERRED_SIZE)
00931                     .addGap(18, 18, 18)
00932                     .addComponent(MainCoursePnl,
00933                         javax.swing.GroupLayout.PREFERRED_SIZE,
00934                             453,
00935     javax.swing.GroupLayout.PREFERRED_SIZE)))
00936         .addGroup(jPanel2Layout.createSequentialGroup()
00937             .addGap(251, 251, 251)
00938             .addComponent(jLabel2)
00939             .addGap(18, 18, 18)
00940             .addComponent(jLabel1,
00941                 javax.swing.GroupLayout.PREFERRED_SIZE, 433,
00942                     javax.swing.GroupLayout.PREFERRED_SIZE)
00943                     .addGap(0, 0, Short.MAX_VALUE)))
00944             .addGroup(jPanel2Layout.createSequentialGroup()
00945                 .addGap(40, 40, 40)
00946                 .addComponent(DrinksPnl, javax.swing.GroupLayout.PREFERRED_SIZE, 293,
00947                     javax.swing.GroupLayout.PREFERRED_SIZE)
00948                     .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00949                         Short.MAX_VALUE));
00950             jPanel2Layout.setVerticalGroup(
00951                 jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00952                     .addGroup(jPanel2Layout.createSequentialGroup()
00953                         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00954                             jPanel2Layout.createSequentialGroup()
00955                             .addComponent(jLabel2)
00956                             .addGap(18, 18, 18)
00957                             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00958                                 jPanel2Layout.createSequentialGroup()
00959                                     .addComponent(jLabel1,
00960                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00961                                         60,
00962                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00963                                         .addGroup(jPanel2Layout
00964                                             .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
00965                                                 .addComponent(AppetizerPnl,
00966                                         javax.swing.GroupLayout.DEFAULT_SIZE, 210,
00967                                         Short.MAX_VALUE)
00968                                         .addComponent(MainCoursePnl,
00969                                         javax.swing.GroupLayout.DEFAULT_SIZE, 210,
00970                                         Short.MAX_VALUE)
00971                                         .addComponent(DrinksPnl, javax.swing.GroupLayout.DEFAULT_SIZE,
00972                                         210,
00973                                         Short.MAX_VALUE))
00974                                         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00975                                             .addGroup(jPanel2Layout.createSequentialGroup()
00976                                                 .addComponent(goBackMenueBtn,
00977                         javax.swing.GroupLayout.PREFERRED_SIZE,
00978                             40, javax.swing.GroupLayout.PREFERRED_SIZE)
00979                             .addGap(14, 14, 14))
00977             .addGroup(jPanel2Layout.createSequentialGroup()
00978                 .addComponent(jPanell,
00979                     .addGap(163, 163, 163))

```

```

00980     javax.swing.GroupLayout.PREFERRED_SIZE,
00981                                         javax.swing.GroupLayout.DEFAULT_SIZE,
00982     javax.swing.GroupLayout.PREFERRED_SIZE)
00983                                         .addGap(31, 31, 31))
00984     jPanel2Layout
00985                                         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00986                                         .createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
00987                                         .addComponent(payBtn,
00988                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00989                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00990                                         .addGroup(jPanel2Layout.createSequentialGroup()
00991                                         javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00992                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00993                                         .addComponent(newReceiptBtn,
00994                                         javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00995                                         .addComponent(saveReceiptBtn,
00996                                         javax.swing.GroupLayout.PREFERRED_SIZE, 29,
00997                                         javax.swing.GroupLayout.PREFERRED_SIZE)))
00998                                         .addGap(50, 50, 50))))))
00999
01000     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
01001     getContentPane().setLayout(layout);
01002     layout.setHorizontalGroup(
01003         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
01004             .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
01005                         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
01006     layout.setVerticalGroup(
01007         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
01008             .addGroup(layout.createSequentialGroup()
01009                 .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
01010                             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
01011                 .addGap(10, 10, 10)));
01012
01013     pack();
01014     setLocationRelativeTo(null);
01015 } // </editor-fold> //GEN-END:initComponents
01016
01022     private void colaCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
01023     GEN-FIRST:event_colaCountSStateChanged
01024         colaNum = (Integer) colaCounts.getValue();
01025         cola_Price = colaCost * colaNum;
01026         colaPriceLbl.setText(cola_Price + " SR");
01027 } // GEN-LAST:event_colaCountSStateChanged
01028
01034     private void upCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
01035     GEN-FIRST:event_upCountSStateChanged
01036         upNum = (Integer) upCounts.getValue();
01037         up_Price = upCost * upNum;
01038         upPriceLbl.setText(up_Price + " SR");
01039 } // GEN-LAST:event_upCountSStateChanged
01040
01046     private void mojitoCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
01047     GEN-FIRST:event_mojitoCountSStateChanged
01048         mojitoNum = (Integer) mojitoCounts.getValue();
01049         mojito_Price = mojitoCost * mojitoNum;
01050         mojitoPriceLbl.setText(mojito_Price + " SR");
01051 } // GEN-LAST:event_mojitoCountSStateChanged
01057
01058     private void orangeCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
01059     GEN-FIRST:event_orangeCountSStateChanged
01060         orangeNum = (Integer) orangeCounts.getValue();
01061         orange_Price = orangeCost * orangeNum;
01062         orangePriceLbl.setText(orange_Price + " SR");
01063 } // GEN-LAST:event_orangeCountSStateChanged
01068
01069     private void friesCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
01070     GEN-FIRST:event_friesCountSStateChanged
01071         friesNum = (Integer) friesCounts.getValue();
01072         fries_Price = friesCost * friesNum;
01073         friesPriceLbl.setText(fries_Price + " SR");
01074 } // GEN-LAST:event_friesCountSStateChanged
01079

```

```

01080     moltenNum = (Integer) moltenCounts.getValue();
01081     molten_Price = moltenCost * moltenNum;
01082     moltenPriceLbl.setText(molten_Price + " SR");
01083 } // GEN-LAST:event_moltenCountsStateChanged
01084
01090     private void shrimpCountsStateChanged(javax.swing.event.ChangeEvent evt) {//
01091         GEN-FIRST:event_shrimpCountsStateChanged
01092             shrimpNum = (Integer) shrimpCounts.getValue();
01093             shrimp_Price = shrimpCost * shrimpNum;
01094             shrimpPriceLbl.setText(shrimp_Price + " SR");
01095 } // GEN-LAST:event_shrimpCountsStateChanged
01096
01101     private void macCountsStateChanged(javax.swing.event.ChangeEvent evt) {//
01102         GEN-FIRST:event_macCountsStateChanged
01103             macNum = (Integer) macCounts.getValue();
01104             mac_Price = macCost * macNum;
01105             macPriceLbl.setText(mac_Price + " SR");
01106 } // GEN-LAST:event_macCountsStateChanged
01107
01112     private void pizzaCountsStateChanged(javax.swing.event.ChangeEvent evt) {//
01113         GEN-FIRST:event_pizzaCountsStateChanged
01114             pizzaNum = (Integer) pizzaCounts.getValue();
01115             pizza_Price = pizzaCost * pizzaNum;
01116             pizzaPriceLbl.setText(pizza_Price + " SR");
01117 } // GEN-LAST:event_pizzaCountsStateChanged
01118
01123     private void pastaCountsStateChanged(javax.swing.event.ChangeEvent evt) {//
01124         GEN-FIRST:event_pastaCountsStateChanged
01125             pastaNum = (Integer) pastaCounts.getValue();
01126             pasta_Price = pastaCost * pastaNum;
01127             pastaPriceLbl.setText(pasta_Price + " SR");
01128 } // GEN-LAST:event_pastaCountsStateChanged
01129
01134     private void spaghettiCountsStateChanged(javax.swing.event.ChangeEvent evt) {//
01135         GEN-FIRST:event_spaghettiCountsStateChanged
01136             spaghettiNum = (Integer) spaghettiCounts.getValue();
01137             spaghetti_Price = spaghettiCost * spaghettiNum;
01138             spaghettiPriceLbl.setText(spaghetti_Price + " SR");
01139 } // GEN-LAST:event_spaghettiCountsStateChanged
01140
01145     private void salmonCountsStateChanged(javax.swing.event.ChangeEvent evt) {//
01146         GEN-FIRST:event_salmonCountsStateChanged
01147             salmonNum = (Integer) salmonCounts.getValue();
01148             salmon_Price = salmonCost * salmonNum;
01149             salmonPriceLbl.setText(salmon_Price + " SR");
01150 } // GEN-LAST:event_salmonCountsStateChanged
01151
01156     private void spaghettiSpicyActionPerformed(java.awt.event.ActionEvent evt) {//
01157         GEN-FIRST:event_spaghettiSpicyActionPerformed
01158             if (spaghettiSpicy.isSelected()) {
01159                 spaghetti_Price += spaghettiNum;
01160             } else {
01161                 spaghetti_Price -= spaghettiNum;
01162             }
01163             spaghettiPriceLbl.setText(spaghetti_Price + " SR");
01164 } // GEN-LAST:event_spaghettiSpicyActionPerformed
01165
01170     private void pizzaSpicyActionPerformed(java.awt.event.ActionEvent evt) {//
01171         GEN-FIRST:event_pizzaSpicyActionPerformed
01172             if (pizzaSpicy.isSelected()) {
01173                 pizza_Price += pizzaNum;
01174             } else {
01175                 pizza_Price -= pizzaNum;
01176             }
01177             pizzaPriceLbl.setText(pizza_Price + " SR");
01178 } // GEN-LAST:event_pizzaSpicyActionPerformed
01179
01184     private void pastaChickenActionPerformed(java.awt.event.ActionEvent evt) {//
01185         GEN-FIRST:event_pastaChickenActionPerformed
01186             if (pastaChicken.isSelected()) {
01187                 pasta_Price += pastaNum;
01188             } else {
01189                 pasta_Price -= pastaNum;
01190             }
01191             pastaPriceLbl.setText(pasta_Price + " SR");
01192 } // GEN-LAST:event_pastaChickenActionPerformed
01193
01198     private void salmonRiceActionPerformed(java.awt.event.ActionEvent evt) {//
01199         GEN-FIRST:event_salmonRiceActionPerformed
01200             if (salmonRice.isSelected()) {
01201                 salmon_Price += salmonNum;
01202             } else {
01203                 salmon_Price -= salmonNum;
01204             }
01205             salmonPriceLbl.setText(salmon_Price + " SR");
01206 } // GEN-LAST:event_salmonRiceActionPerformed

```

```
01206
01207     private void payBtnActionPerformed(java.awt.event.ActionEvent evt) {//
01208     GEN-FIRST:event_payBtnActionPerformed
01209
01210     subTotal = cola_Price + up_Price + mojito_Price + orange_Price + molten_Price + mac_Price +
01211     fries_Price
01212     + shrimp_Price + pizza_Price + pasta_Price + salmon_Price + spaghetti_Price;
01213
01214     subTotalLbl.setText("SubTotal " + subTotal + " SR");
01215
01216     vat = subTotal * 0.15;
01217     vatLbl.setText("VAT included " + vat + " SR");
01218
01219     total = subTotal + vat;
01220     totalLbl.setText("Total " + total + " SR");
01221
01222     if (subTotal == 0) {
01223         JOptionPane.showMessageDialog(null, "Please select an item first!", null,
01224         JOptionPane.INFORMATION_MESSAGE);
01225     } else {
01226         JOptionPane.showMessageDialog(null, "Paid successfully");
01227     }
01228 } // GEN-LAST:event_payBtnActionPerformed
01229
01230
01231     private void saveReceiptBtnActionPerformed(java.awt.event.ActionEvent evt) {//
01232     GEN-FIRST:event_saveReceiptBtnActionPerformed
01233
01234     try {
01235
01236         if (total != 0) {
01237
01238             output = new PrintWriter("receipts/billNo." + receiptNo + ".txt");
01239
01240             JOptionPane.showMessageDialog(null,
01241                 "Receipt number: " + receiptNo + " has been saved successfully" + "");
01242
01243             output.println(" Bill number is: " + receiptNo);
01244             output.println("=====");
01245             output.println("-----");
01246             output.println("Subtotal is: " + subTotal + " SR");
01247             output.println("vat: " + vat + " SR");
01248             output.println("Total is: " + total + " SR");
01249             output.println();
01250             output.println("THANK YOU FOR ORDERING");
01251
01252         }
01253         output.close();
01254
01255     } catch (Exception ex) {
01256         JOptionPane.showMessageDialog(null, "Error occurred. Please try again");
01257     }
01258 } // GEN-LAST:event_saveReceiptBtnActionPerformed
01259
01260
01261     private void newReceiptBtnActionPerformed(java.awt.event.ActionEvent evt) {//
01262     GEN-FIRST:event_newReceiptBtnActionPerformed
01263
01264     if (total != 0) {
01265
01266         colaCountS.setValue(0);
01267         upCountS.setValue(0);
01268         orangeCountS.setValue(0);
01269         mojitoCountS.setValue(0);
01270
01271         friesCountS.setValue(0);
01272         moltenCountS.setValue(0);
01273         macCountS.setValue(0);
01274         shrimpCountS.setValue(0);
01275
01276         pizzaCountS.setValue(0);
01277         pastaCountS.setValue(0);
01278         salmonCountS.setValue(0);
01279         spaghettiCountS.setValue(0);
01280
01281         pizzaSpicy.setSelected(false);
01282         pastaChicken.setSelected(false);
01283         salmonRice.setSelected(false);
01284         spaghettiSpicy.setSelected(false);
01285
01286         subTotalLbl.setText("SubTotal : 0.0 SR");
01287         vatLbl.setText("VAT included : 0.0 SR");
01288         totalLbl.setText("Total : 0.0 SR");
01289
01290         subTotal = 0;
01291         vat = 0;
01292         total = 0;
01293
01294         receiptNo++;
01295         receiptNoLbl.setText("ReceiptNo. :" + receiptNo);
01296
01297
01298
01299
01300
01301
01302 }
```

```

01303
01304      }
01305  } // GEN-LAST:event_newReceiptBtnActionPerformed
01306
01311  private void goBackMenueBtnActionPerformed(java.awt.event.ActionEvent evt) {//
01312      GEN-FIRST:event_goBackMenueBtnActionPerformed
01312      this.dispose();
01313      new Login().setVisible(true);
01314  } // GEN-LAST:event_goBackMenueBtnActionPerformed
01315
01319  public static void main(String args[]) {
01320      /* Set the Nimbus look and feel */
01321      // <editor-fold defaultstate="collapsed" desc=" Look and feel setting code
01322      // (optional) ">
01323      /*
01324          * If Nimbus (introduced in Java SE 6) is not available, stay with the default
01325          * look and feel.
01326          * For details see
01327          * http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
01328          */
01329      try {
01330          for (javax.swing.UIManager.LookAndFeelInfo info :
01330              javax.swing.UIManager.getInstalledLookAndFeels()) {
01331              if ("Nimbus".equals(info.getName())) {
01332                  javax.swing.UIManager.setLookAndFeel(info.getClassName());
01333                  break;
01334              }
01335          }
01336      } catch (ClassNotFoundException ex) {
01337          java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
01338          ex);
01339      } catch (InstantiationException ex) {
01340          java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
01341          ex);
01342      } catch (IllegalAccessException ex) {
01343          java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
01344          ex);
01345      }
01346      // </editor-fold>
01347
01348      /* Create and display the form */
01349      java.awt.EventQueue.invokeLater(new Runnable() {
01350          public void run() {
01351              new Frame1().setVisible(true);
01352          }
01353      });
01354
01355  // Variables declaration - do not modify//GEN-BEGIN:variables
01356  private javax.swing.JPanel AppetizerPnl;
01357  private javax.swing.JPanel DrinksPnl;
01358  private javax.swing.JPanel MainCoursePnl;
01359  private javax.swing.JSpinner colaCounts;
01360  private javax.swing.JLabel colaLbl;
01361  private javax.swing.JLabel colaPriceLbl;
01362  private javax.swing.JSpinner friesCounts;
01363  private javax.swing.JLabel friesLbl;
01364  private javax.swing.JLabel friesPriceLbl;
01365  private javax.swing.JButton goBackMenueBtn;
01366  private javax.swing.JLabel jLabel1;
01367  private javax.swing.JLabel jLabel2;
01368  private javax.swing.JPanel jPanel1;
01369  private javax.swing.JPanel jPanel2;
01370  private javax.swing.JSpinner macCounts;
01371  private javax.swing.JLabel macLbl;
01372  private javax.swing.JLabel macPriceLbl;
01373  private javax.swing.JSpinner mojitoCounts;
01374  private javax.swing.JLabel mojitoLbl;
01375  private javax.swing.JLabel mojitoPriceLbl;
01376  private javax.swing.JSpinner moltenCounts;
01377  private javax.swing.JLabel moltenLbl;
01378  private javax.swing.JLabel moltenPriceLbl;
01379  private javax.swing.JButton newReceiptBtn;
01380  private javax.swing.JLabel orangLbl;
01381  private javax.swing.JSpinner orangeCounts;
01382  private javax.swing.JLabel orangePriceLbl;
01383  private javax.swing.JCheckBox pastaChicken;
01384  private javax.swing.JSpinner pastaCounts;
01385  private javax.swing.JLabel pastaLbl;
01386  private javax.swing.JLabel pastaPriceLbl;

```

```
01399     private javax.swing.JButton payBtn;
01400     private javax.swing.JSpinner pizzaCounts;
01401     private javax.swing.JLabel pizzaLbl;
01402     private javax.swing.JLabel pizzaPriceLbl;
01403     private javax.swing.JCheckBox pizzaSpicy;
01405     private javax.swing.JLabel receiptNoLbl;
01406     private javax.swing.JSpinner salmonCounts;
01407     private javax.swing.JLabel salmonLbl;
01408     private javax.swing.JLabel salmonPriceLbl;
01409     private javax.swing.JCheckBox salmonRice;
01411     private javax.swing.JButton saveReceiptBtn;
01412     private javax.swing.JSpinner shrimpCounts;
01413     private javax.swing.JLabel shrimpLbl;
01414     private javax.swing.JLabel shrimpPriceLbl;
01415     private javax.swing.JSpinner spaghettiCounts;
01416     private javax.swing.JLabel spaghettiLbl;
01417     private javax.swing.JLabel spaghettiPriceLbl;
01418     private javax.swing.JCheckBox spaghettiSpicy;
01420     private javax.swing.JLabel subTotalLbl;
01422     private javax.swing.JLabel totalLbl;
01423     private javax.swing.JSpinner upCounts;
01424     private javax.swing.JLabel upLbl;
01425     private javax.swing.JLabel upPriceLbl;
01426     private javax.swing.JLabel vatLbl;
01427 // End of variables declaration//GEN-END:variables
01428 }
```

9.11 Info.java File Reference

Ventana "About us" que muestra la historia y la información del restaurante.

Classes

- class [es.ull.esit.app.Info](#)

Packages

- package [es.ull.esit.app](#)

9.11.1 Detailed Description

Ventana "About us" que muestra la historia y la información del restaurante.

Clase simple que muestra un texto estático con la historia del proyecto y un botón para volver a la pantalla anterior.

Version

1.0

Definition in file [Info.java](#).

9.12 Info.java

[Go to the documentation of this file.](#)

```

00001 /*
00002 * To change this license header, choose License Headers in Project Properties.
00003 * To change this template file, choose Tools | Templates
00004 * and open the template in the editor.
00005 */
00006 package es.ull.esit.app;
00007
00008
00018 public class Info extends javax.swing.JFrame {
00019
00023     public Info() {
00024         initComponents();
00025     }
00026
00032     @SuppressWarnings("unchecked")
00033     // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents
00034     private void initComponents() {
00035
00036         jPanell = new javax.swing.JPanel();
00037         jButton3 = new javax.swing.JButton();
00038         jScrollPane1 = new javax.swing.JScrollPane();
00039         ourStory = new javax.swing.JTextArea();
00040         jLabel1 = new javax.swing.JLabel();
00041
00042         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00043         setTitle("Info");
00044         setResizable(false);
00045
00046         jPanell.setBackground(new java.awt.Color(248, 244, 230));
00047
00048         jButton3.setBackground(new java.awt.Color(255, 255, 255));
00049         jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00050         jButton3.setText("Go Back");
00051         jButton3.addActionListener(new java.awt.event.ActionListener() {
00061             public void actionPerformed(java.awt.event.ActionEvent evt) {
00062                 jButton3ActionPerformed(evt);
00063             }
00064         });
00065
00066         ourStory.setEditable(false);
00067         ourStory.setBackground(new java.awt.Color(248, 244, 230));
00068         ourStory.setColumns(20);
00069         ourStory.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 14)); // NOI18N
00070         ourStory.setRows(5);
00071         ourStory.setText(" Our Story |\n Collecting flavors from all over the world to give everyone
a taste of what they love. \n\n Black Plate came in with this vision in mind, to be more of a home
rather than an establishment.\n\n 2021 marked the beginning of the journey of Black Plate, starting
from Al Khobar.\n\n Because your visit means a lot to us, we would love to hear your suggestions and
concerns \n so we can improve!\n");
00072         ourStory.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
00073         jScrollPane1.setViewportView(ourStory);
00074
00075         jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/javaapplication2/Screen
Shot 1443-09-29 at 4.38.37 PM.png"))); // NOI18N
00076
00077         javax.swing.GroupLayout jPanellLayout = new javax.swing.GroupLayout(jPanell);
00078         jPanell.setLayout(jPanellLayout);
00079         jPanellLayout.setHorizontalGroup(
00080             jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00081                 .addGroup(jPanellLayout.createSequentialGroup()
00082                     .addGroup(jPanellLayout.createSequentialGroup()
00083                         .addGroup(jPanellLayout.createSequentialGroup()
00084                             .addGroup(jPanellLayout.createSequentialGroup()
00085                                 .addGroup(jPanellLayout.createSequentialGroup()
00086                                     .addGroup(jPanellLayout.createSequentialGroup()
00087                                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
00088                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00089                                         .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1004,
00090                                         javax.swing.GroupLayout.PREFERRED_SIZE))
00091                                         .addGroup(jPanellLayout.createSequentialGroup()
00092                                             .addGroup(jPanellLayout.createSequentialGroup()
00093                                                 .addComponent(jLabel1))
00094                                                 .addGroup(jPanellLayout.createSequentialGroup()
00095                                                     .addComponent(jLabel1)
00096                                                     .addGroup(jPanellLayout.createSequentialGroup()
00097                                                         .addComponent(jLabel1)
00098                                                         .addGroup(jPanellLayout.createSequentialGroup()
00099                 .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
00099                 javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

00100         .addGap(26, 26, 26)
00101         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00102             javax.swing.GroupLayout.PREFERRED_SIZE)
00103     );
00104
00105     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00106     getContentPane().setLayout(layout);
00107     layout.setHorizontalGroup(
00108         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00109         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00110             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00111     );
00112     layout.setVerticalGroup(
00113         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00114         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00115             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00116     );
00117     pack();
00118     setLocationRelativeTo(null);
00119 // </editor-fold>//GEN-END:initComponents
00120     private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
00121 //GEN-FIRST:event_jButton3ActionPerformed
00122     new Cashier().setVisible(true);
00123 } //GEN-LAST:event_jButton3ActionPerformed
00124
00125 public static void main(String args[]) {
00126     /* Set the Nimbus look and feel */
00127     // <editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00128     /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00129      * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00130      */
00131     try {
00132         for (javax.swing.UIManager.LookAndFeelInfo info :
00133             javax.swing.UIManager.getInstalledLookAndFeels()) {
00134             if ("Nimbus".equals(info.getName())) {
00135                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
00136                 break;
00137             }
00138         }
00139     } catch (ClassNotFoundException ex) {
00140     } catch (InstantiationException ex) {
00141         java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
00142     } catch (IllegalAccessException ex) {
00143         java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
00144     } catch (UnsupportedLookAndFeelException ex) {
00145         java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
00146     }
00147     } // </editor-fold>
00148
00149     /* Create and display the form */
00150     java.awt.EventQueue.invokeLater(new Runnable() {
00151         public void run() {
00152             new Info().setVisible(true);
00153         }
00154     });
00155 }
00156
00157 }
00158 }
00159 }
00160 // Variables declaration - do not modify//GEN-BEGIN:variables
00161 private javax.swing.JButton jButton3;
00162 private javax.swing.JLabel jLabel1;
00163 private javax.swing.JPanel jPanel1;
00164 private javax.swing.JScrollPane jScrollPane1;
00165 private javax.swing.JTextArea ourStory;
00166 // End of variables declaration//GEN-END:variables
00167
00168 }
00169 }
```

9.13 JavaApplication2.java File Reference

Clase mínima para arrancar la aplicación (entry-point auxiliar).

Classes

- class [es.ull.esit.app.JavaApplication2](#)

Packages

- package [es.ull.esit.app](#)

9.13.1 Detailed Description

Clase mínima para arrancar la aplicación (entry-point auxiliar).

Lanza la ventana de Login cuando se ejecuta de forma independiente.

Definition in file [JavaApplication2.java](#).

9.14 JavaApplication2.java

[Go to the documentation of this file.](#)

```
00001 /*
00002  * To change this license header, choose License Headers in Project Properties.
00003  * To change this template file, choose Tools | Templates
00004  * and open the template in the editor.
00005 */
00006 package es.ull.esit.app;
00007
00014 public class JavaApplication2 {
00015
00021     public static void main(String[] args) {
00022         new Login().setVisible(true);
00023     }
00024
00025 }
```

9.15 Login.java File Reference

Interfaz gráfica para el inicio de sesión de usuarios.

Classes

- class [es.ull.esit.app.Login](#)

Packages

- package [es.ull.esit.app](#)

9.15.1 Detailed Description

Interfaz gráfica para el inicio de sesión de usuarios.

Esta clase proporciona una ventana Swing sencilla que permite al usuario introducir un nombre de usuario, una contraseña y seleccionar el tipo de usuario (admin o cashier). Según las credenciales y el tipo seleccionado, la aplicación abre la ventana correspondiente (AdminLogin o Cashier).

Documentación generada para uso con Doxygen.

Version

1.0

Date

November 2025

Author

Restaurant System Team

Definition in file [Login.java](#).

9.16 Login.java

[Go to the documentation of this file.](#)

```
00001 /*
00002 * To change this license header, choose License Headers in Project Properties.
00003 * To change this template file, choose Tools | Templates
00004 * and open the template in the editor.
00005 */
00006 package es.ull.esit.app;
00007
00023 public class Login extends javax.swing.JFrame {
00024
00029     public Login() {
00030         initComponents();
00031     }
00032
00039     @SuppressWarnings("unchecked")
00040     // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents
00041
00042
00046     private void initComponents() {
00047
00048         jPanell = new javax.swing.JPanel();
00049         jLabel1 = new javax.swing.JLabel();
00050         jLabel13 = new javax.swing.JLabel();
00051         usernametxt = new javax.swing.JTextField();
00052         usertypecmb = new javax.swing.JComboBox();
00053         jButton1 = new javax.swing.JButton();
00054         jPasswordField1 = new javax.swing.JPasswordField();
00055
00056         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00057         setTitle("Login");
00058         setResizable(false);
00059
00060         jPanell.setBackground(new java.awt.Color(248, 244, 230));
00061
00062         jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); // NOI18N
00063
00064         jLabel13.setFont(new java.awt.Font("Yu Gothic UI", 1, 24)); // NOI18N
00065         jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00066         jLabel13.setText("User Login ");
```



```

00157         layout.setHorizontalGroup(
00158             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00159                 .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
00160                             javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00161             );
00162             layout.setVerticalGroup(
00163                 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00164                     .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
00165                             javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00166             );
00167             pack();
00168             setLocationRelativeTo(null);
00169         } // </editor-fold> //GEN-END:initComponents
00170
00171     private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
00172     { //GEN-FIRST:event_jButton1ActionPerformed
00173         if(usernameetxt.getText().equalsIgnoreCase("admin") &&
00174             jPasswordField1.getText().equalsIgnoreCase("admin") &&
00175             usertypecmbbo.getSelectedItem().toString().equalsIgnoreCase("admin")){
00176
00177             new AdminLogin().setVisible(true);
00178         }
00179         else if(usertypecmbbo.getSelectedItem().toString().equalsIgnoreCase("cashier")){
00180
00181             new Cashier(usernameetxt.getText()).setVisible(true);
00182         }
00183     } //GEN-LAST:event_jButton1ActionPerformed
00184
00185     private void usertypecmbboActionPerformed(java.awt.event.ActionEvent evt)
00186     { //GEN-FIRST:event_usertypecmbboActionPerformed
00187         // TODO add your handling code here:
00188     } //GEN-LAST:event_usertypecmbboActionPerformed
00189
00190     public static void main(String args[]) {
00191         /* Set the Nimbus look and feel */
00192         // <editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00193         /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00194          * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00195          */
00196         try {
00197             for (javax.swing.UIManager.LookAndFeelInfo info :
00198                  javax.swing.UIManager.getInstalledLookAndFeels()) {
00199                 if ("Nimbus".equals(info.getName())) {
00200                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00201                     break;
00202                 }
00203             }
00204         } catch (ClassNotFoundException ex) {
00205             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00206             ex);
00207             } catch (InstantiationException ex) {
00208             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00209             ex);
00210             } catch (IllegalAccessException ex) {
00211             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00212             ex);
00213             } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00214             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
00215             ex);
00216             } // </editor-fold>
00217
00218         /* Create and display the form */
00219         java.awt.EventQueue.invokeLater(new Runnable() {
00220             public void run() {
00221                 new Login().setVisible(true);
00222             }
00223         });
00224     } // Variables declaration - do not modify //GEN-BEGIN:variables
00225     private javax.swing.JButton jButton1;
00226     private javax.swing.JLabel jLabel1;
00227     private javax.swing.JLabel jLabel3;
00228     private javax.swing.JPanel jPanel1;
00229     private javax.swing.JPasswordField jPasswordField1;
00230     private javax.swing.JTextField usernameetxt;
00231     private javax.swing.JComboBox<String> usertypecmbbo;
00232     // End of variables declaration //GEN-END:variables
00233 }
```

9.17 ApiClient.java File Reference

```

import com.fasterxml.jackson.databind.ObjectMapper;
import com.fasterxml.jackson.core.type.TypeReference;
import java.net.http.*;
import java.net.URI;
import java.time.Duration;
import java.util.List;
import es.ull.esit.app.middleware.model.Appetizer;
import es.ull.esit.app.middleware.model.Cashier;
import es.ull.esit.app.middleware.model.Drink;
import es.ull.esit.app.middleware.model.MainCourse;
Include dependency graph for ApiClient.java:

```



Classes

- class [es.ull.esit.app.middleware.ApiClient](#)
ApiClient is a middleware class that handles HTTP requests to a RESTful API.

Packages

- package [es.ull.esit.app.middleware](#)

9.18 ApiClient.java

[Go to the documentation of this file.](#)

```

00001 package es.ull.esit.app.middleware;
00002
00003 import com.fasterxml.jackson.databind.ObjectMapper;
00004 import com.fasterxml.jackson.core.type.TypeReference;
00005 import java.net.http.*;
00006 import java.net.URI;
00007 import java.time.Duration;
00008 import java.util.List;
00009
00010 import es.ull.esit.app.middleware.model.Appetizer;
00011 import es.ull.esit.app.middleware.model.Cashier;
00012 import es.ull.esit.app.middleware.model.Drink;
00013 import es.ull.esit.app.middleware.model.MainCourse;
00014
00020 public class ApiClient {
00021     private final HttpClient http;
00022     private final String baseUrl;
00023     private final ObjectMapper mapper;
00024
00030     public ApiClient(String baseUrl) {
00031         this.baseUrl = baseUrl.endsWith("/") ? baseUrl.substring(0, baseUrl.length()-1) : baseUrl;
00032         this.http = HttpClient.newBuilder()
00033             .connectTimeout(Duration.ofSeconds(5))
00034             .build();
00035         this.mapper = new ObjectMapper();
00036     }
00037
00038     // Generic method for GET requests returning objects
00039     private <T> T get(String path, Class<T> responseType) throws Exception {
00040         HttpRequest req = HttpRequest.newBuilder()
00041             .uri(URI.create(baseUrl + path))
00042             .GET()

```

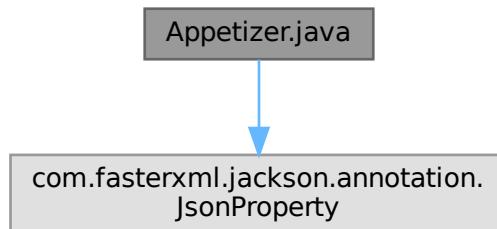
```
00043         .header("Accept", "application/json")
00044         .build();
00045     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00046     return mapper.readValue(res.body(), responseType);
00047 }
00048
00049 private <T> List<T> getList(String path, TypeReference<List<T>> typeRef) throws Exception {
00050     HttpRequest req = HttpRequest.newBuilder()
00051         .uri(URI.create(baseUrl + path))
00052         .GET()
00053         .header("Accept", "application/json")
00054         .build();
00055     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00056     return mapper.readValue(res.body(), typeRef);
00057 }
00058
00059 private <T, R> R post(String path, T body, Class<R> responseType) throws Exception {
00060     String json = mapper.writeValueAsString(body);
00061     HttpRequest req = HttpRequest.newBuilder()
00062         .uri(URI.create(baseUrl + path))
00063         .POST(HttpRequest.BodyPublishers.ofString(json))
00064         .header("Content-Type", "application/json")
00065         .build();
00066     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00067     return mapper.readValue(res.body(), responseType);
00068 }
00069
00070 public List<Appetizer> getAllAppetizers() throws Exception {
00071     return getList("/api/appetizers", new TypeReference<List<Appetizer>>() {});
00072 }
00073
00074 public Appetizer getAppetizerById(Long id) throws Exception {
00075     return get("/api/appetizers/" + id, Appetizer.class);
00076 }
00077
00078 public Appetizer createAppetizer(Appetizer appetizer) throws Exception {
00079     return post("/api/appetizers", appetizer, Appetizer.class);
00080 }
00081
00082 public Appetizer updateAppetizer(Long id, Appetizer appetizer) throws Exception {
00083     String json = mapper.writeValueAsString(appetizer);
00084     HttpRequest req = HttpRequest.newBuilder()
00085         .uri(URI.create(baseUrl + "/api/appetizers/" + id))
00086         .PUT(HttpRequest.BodyPublishers.ofString(json))
00087         .header("Content-Type", "application/json")
00088         .build();
00089     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00090     return mapper.readValue(res.body(), Appetizer.class);
00091 }
00092
00093 public void deleteAppetizer(Long id) throws Exception {
00094     HttpRequest req = HttpRequest.newBuilder()
00095         .uri(URI.create(baseUrl + "/api/appetizers/" + id))
00096         .DELETE()
00097         .build();
00098     http.send(req, HttpResponse.BodyHandlers.ofString());
00099 }
00100
00101 public List<Cashier> getAllCashiers() throws Exception {
00102     return getList("/api/cashiers", new TypeReference<List<Cashier>>() {});
00103 }
00104
00105 public Cashier getCashierById(Long id) throws Exception {
00106     return get("/api/cashiers/" + id, Cashier.class);
00107 }
00108
00109 public Cashier createCashier(Cashier cashier) throws Exception {
00110     return post("/api/cashiers", cashier, Cashier.class);
00111 }
00112
00113 public Cashier updateCashier(Long id, Cashier cashier) throws Exception {
00114     String json = mapper.writeValueAsString(cashier);
00115     HttpRequest req = HttpRequest.newBuilder()
00116         .uri(URI.create(baseUrl + "/api/cashiers/" + id))
00117         .PUT(HttpRequest.BodyPublishers.ofString(json))
00118         .header("Content-Type", "application/json")
00119         .build();
00120     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00121     return mapper.readValue(res.body(), Cashier.class);
00122 }
00123
00124 public void deleteCashier(Long id) throws Exception {
00125     HttpRequest req = HttpRequest.newBuilder()
00126         .uri(URI.create(baseUrl + "/api/cashiers/" + id))
00127         .DELETE()
00128         .build();
00129     http.send(req, HttpResponse.BodyHandlers.ofString());
00130 }
```

```
00202     }
00203
00208     public List<Drink> getAllDrinks() throws Exception {
00209         return getList("/api/drinks", new TypeReference<List<Drink>>() {});
00210     }
00211
00218     public Drink getDrinkById(Long id) throws Exception {
00219         return get("/api/drinks/" + id, Drink.class);
00220     }
00221
00227     public Drink createDrink(Drink drink) throws Exception {
00228         return post("/api/drinks", drink, Drink.class);
00229     }
00230
00237     public Drink updateDrink(Long id, Drink drink) throws Exception {
00238         String json = mapper.writeValueAsString(drink);
00239         HttpRequest req = HttpRequest.newBuilder()
00240             .uri(URI.create(baseUrl + "/api/drinks/" + id))
00241             .PUT(HttpRequest.BodyPublishers.ofString(json))
00242             .header("Content-Type", "application/json")
00243             .build();
00244         HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00245         return mapper.readValue(res.body(), Drink.class);
00246     }
00247
00252     public void deleteDrink(Long id) throws Exception {
00253         HttpRequest req = HttpRequest.newBuilder()
00254             .uri(URI.create(baseUrl + "/api/drinks/" + id))
00255             .DELETE()
00256             .build();
00257         http.send(req, HttpResponse.BodyHandlers.ofString());
00258     }
00259
00264     public List<MainCourse> getAllMainCourses() throws Exception {
00265         return getList("/api/maincourses", new TypeReference<List<MainCourse>>() {});
00266     }
00267
00273     public MainCourse getMainCourseById(Long id) throws Exception {
00274         return get("/api/maincourses/" + id, MainCourse.class);
00275     }
00276
00282     public MainCourse createMainCourse(MainCourse mainCourse) throws Exception {
00283         return post("/api/maincourses", mainCourse, MainCourse.class);
00284     }
00285
00292     public MainCourse updateMainCourse(Long id, MainCourse mainCourse) throws Exception {
00293         String json = mapper.writeValueAsString(mainCourse);
00294         HttpRequest req = HttpRequest.newBuilder()
00295             .uri(URI.create(baseUrl + "/api/maincourses/" + id))
00296             .PUT(HttpRequest.BodyPublishers.ofString(json))
00297             .header("Content-Type", "application/json")
00298             .build();
00299         HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00300         return mapper.readValue(res.body(), MainCourse.class);
00301     }
00302
00307     public void deleteMainCourse(Long id) throws Exception {
00308         HttpRequest req = HttpRequest.newBuilder()
00309             .uri(URI.create(baseUrl + "/api/maincourses/" + id))
00310             .DELETE()
00311             .build();
00312         http.send(req, HttpResponse.BodyHandlers.ofString());
00313     }
00314 }
```

9.19 Appetizer.java File Reference

```
import com.fasterxml.jackson.annotation.JsonProperty;
```

Include dependency graph for Appetizer.java:



Classes

- class [es.ull.esit.app.middleware.model.Appetizer](#)
Appetizer model class.

Packages

- package [es.ull.esit.app.middleware.model](#)

9.20 Appetizer.java

[Go to the documentation of this file.](#)

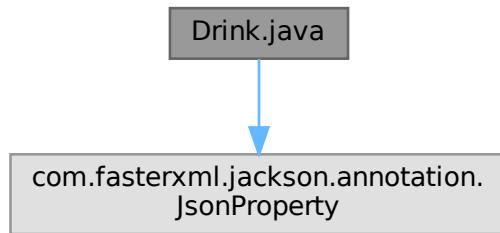
```
00001 package es.ull.esit.app.middleware.model;
00002
00003 import com.fasterxml.jackson.annotation.JsonProperty;
00004
00008 public class Appetizer {
00009     @JsonProperty("appetizersId")
00010     private Long appetizersId;
00011
00012     @JsonProperty("itemAppetizers")
00013     private String itemAppetizers;
00014
00015     @JsonProperty("appetizersPrice")
00016     private Integer appetizersPrice;
00017
00018     @JsonProperty("receiptId")
00019     private Long receiptId;
00020
00021     public Appetizer() {}
00022
00030     public Appetizer(Long appetizersId, String itemAppetizers, Integer appetizersPrice, Long
receiptId) {
00031         this.appetizersId = appetizersId;
00032         this.itemAppetizers = itemAppetizers;
00033         this.appetizersPrice = appetizersPrice;
00034         this.receiptId = receiptId;
00035     }
00036
00041     public Long getAppetizersId() { return appetizersId; }
00042 }
```

```

00047     public void setAppetizersId(Long appetizersId) { this.appetizersId = appetizersId; }
00048
00053     public String getItemAppetizers() { return itemAppetizers; }
00054
00059     public void setItemAppetizers(String itemAppetizers) { this.itemAppetizers = itemAppetizers; }
00060
00065     public Integer getAppetizersPrice() { return appetizersPrice; }
00066
00071     public void setAppetizersPrice(Integer appetizersPrice) { this.appetizersPrice = appetizersPrice;
00072 }
00077
00078     public Long getReceiptId() { return receiptId; }
00083     public void setReceiptId(Long receiptId) { this.receiptId = receiptId; }
00084 }
```

9.21 Drink.java File Reference

import com.fasterxml.jackson.annotation.JsonProperty;
 Include dependency graph for Drink.java:



Classes

- class es.ull.esit.app.middleware.model.Drink
Drink model class.

Packages

- package es.ull.esit.app.middleware.model

9.22 Drink.java

[Go to the documentation of this file.](#)

```

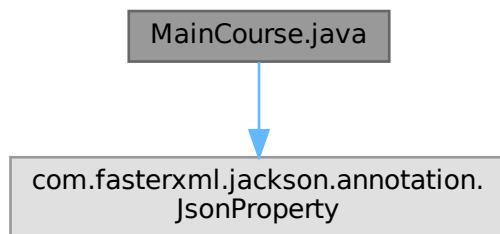
00001 package es.ull.esit.app.middleware.model;
00002
00003 import com.fasterxml.jackson.annotation.JsonProperty;
00004
00008 public class Drink {
00009     @JsonProperty("drinksId")
0010     private Long drinksId;
0011
0012     @JsonProperty("itemDrinks")
```

```

00013     private String itemDrinks;
00014
00015     @JsonProperty("drinksPrice")
00016     private Integer drinksPrice;
00017
00018     @JsonProperty("receiptId")
00019     private Long receiptId;
00020
00021     public Drink() {}
00022
00023     public Drink(Long drinksId, String itemDrinks, Integer drinksPrice, Long receiptId) {
00024         this.drinksId = drinksId;
00025         this.itemDrinks = itemDrinks;
00026         this.drinksPrice = drinksPrice;
00027         this.receiptId = receiptId;
00028     }
00029
00030     public Long getDrinksId() { return drinksId; }
00031
00032     public void setDrinksId(Long drinksId) { this.drinksId = drinksId; }
00033
00034     public String getItemDrinks() { return itemDrinks; }
00035
00036     public void setItemDrinks(String itemDrinks) { this.itemDrinks = itemDrinks; }
00037
00038     public Integer getDrinksPrice() { return drinksPrice; }
00039
00040     public void setDrinksPrice(Integer drinksPrice) { this.drinksPrice = drinksPrice; }
00041
00042     public Long getReceiptId() { return receiptId; }
00043
00044     public void setReceiptId(Long receiptId) { this.receiptId = receiptId; }
00045
00046 }
```

9.23 MainCourse.java File Reference

import com.fasterxml.jackson.annotation.JsonProperty;
 Include dependency graph for MainCourse.java:



Classes

- class [es.ull.esit.app.middleware.model.MainCourse](#)
MainCourse model class.

Packages

- package [es.ull.esit.app.middleware.model](#)

9.24 MainCourse.java

[Go to the documentation of this file.](#)

```
00001 package es.ull.esit.app.middleware.model;
00002
00003 import com.fasterxml.jackson.annotation.JsonProperty;
00004
00008 public class MainCourse {
00009     @JsonProperty("foodId")
0010     private Long foodId;
0011
0012     @JsonProperty("itemFood")
0013     private String itemFood;
0014
0015     @JsonProperty("foodPrice")
0016     private Integer foodPrice;
0017
0018     @JsonProperty("receiptId")
0019     private Long receiptId;
0020
0021     public MainCourse() {}
0022
0030     public MainCourse(Long foodId, String itemFood, Integer foodPrice, Long receiptId) {
0031         this.foodId = foodId;
0032         this.itemFood = itemFood;
0033         this.foodPrice = foodPrice;
0034         this.receiptId = receiptId;
0035     }
0036
0041     public Long getFoodId() { return foodId; }
0042
0047     public void setFoodId(Long foodId) { this.foodId = foodId; }
0048
0053     public String getItemFood() { return itemFood; }
0054
0059     public void setItemFood(String itemFood) { this.itemFood = itemFood; }
0060
0065     public Integer getFoodPrice() { return foodPrice; }
0066
0071     public void setFoodPrice(Integer foodPrice) { this.foodPrice = foodPrice; }
0072
0077     public Long getReceiptId() { return receiptId; }
0078
0083     public void setReceiptId(Long receiptId) { this.receiptId = receiptId; }
0084 }
```