

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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es.ull.esit.app.middleware	19
es.ull.esit.app.middleware.model	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:

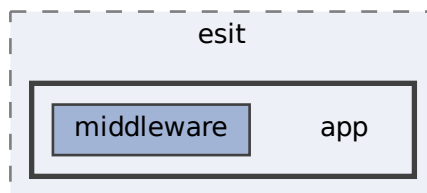
AdminLogin.java	
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adminProducts.java	
Pantalla administrativa para gestionar productos y precios	168
Cashier.java	
Interfaz de usuario para el cajero (Cashier)	179
middleware/model/Cashier.java	183
Frame1.java	
Ventana principal del menú y gestión de recibos (UI de pedidos)	184
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Ventana "About us" que muestra la historia y la información del restaurante	201
JavaApplication2.java	
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Interfaz gráfica para el inicio de sesión de usuarios	204
ApiClient.java	208
Appetizer.java	211
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MainCourse.java	213

Chapter 6

Directory Documentation

6.1 app Directory Reference

Directory dependency graph for app:



Directories

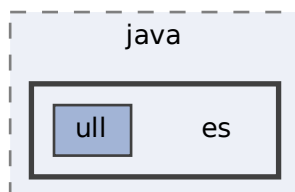
- directory [middleware](#)

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:

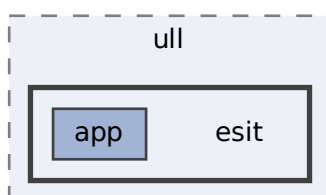


Directories

- directory [ull](#)

6.3 esit Directory Reference

Directory dependency graph for esit:

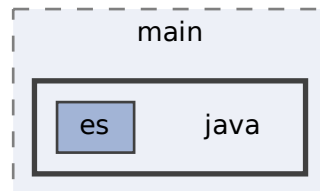


Directories

- directory [app](#)

6.4 java Directory Reference

Directory dependency graph for java:

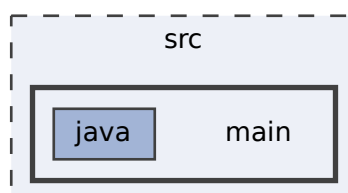


Directories

- directory [es](#)

6.5 main Directory Reference

Directory dependency graph for main:

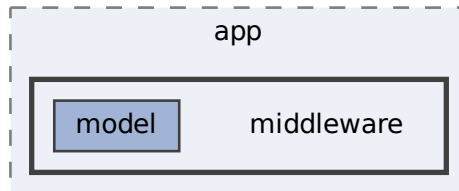


Directories

- directory [java](#)

6.6 middleware Directory Reference

Directory dependency graph for middleware:



Directories

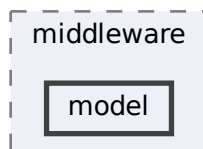
- directory [model](#)

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](#)

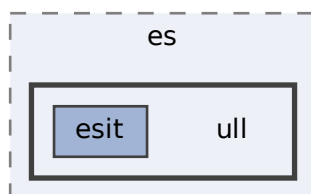
6.8 src Directory Reference

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

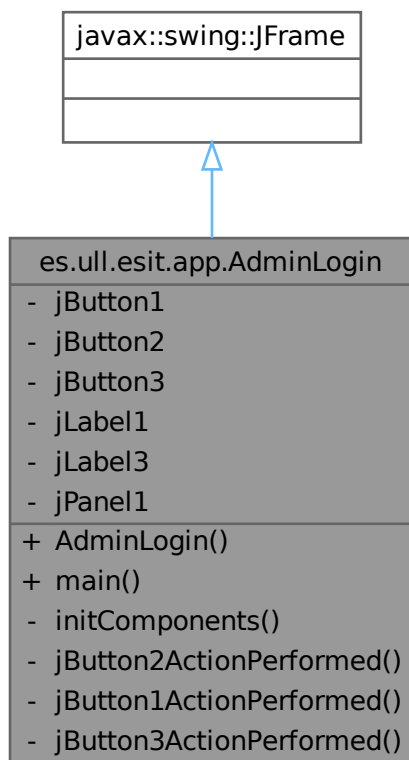
- class [Appetizer](#)
[Appetizer](#) model class.
- class [Cashier](#)
[Cashier](#) model class.
- class [Drink](#)
[Drink](#) model class.
- class [MainCourse](#)
[MainCourse](#) model class.

Chapter 8

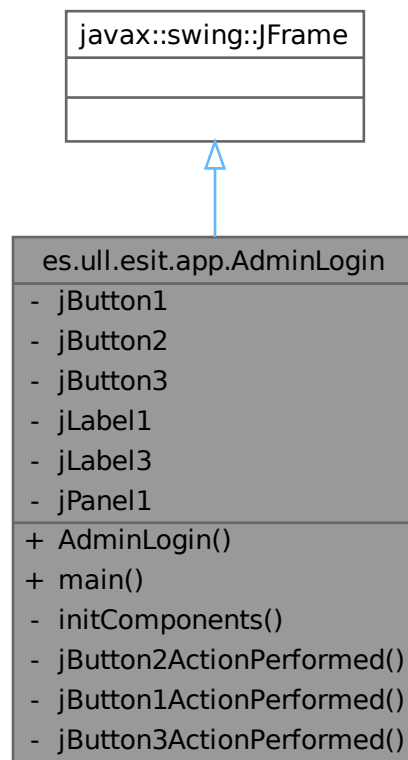
Class Documentation

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.

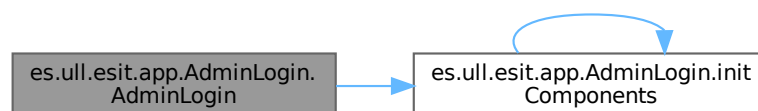
Definition at line 25 of file [AdminLogin.java](#).

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

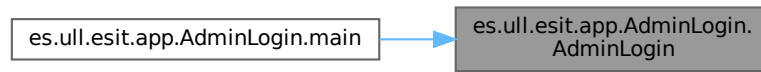
References [initComponents\(\)](#).

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

<i>evt</i>	Evento de acción generado por el botón.
------------	---

Returns

void

Acción al pulsar "Menu".

Parameters

<i>evt</i>	Evento de acción generado por el botón.
------------	---

Returns

void

Acción al pulsar "LogOut".

Parameters

<i>evt</i>	Evento de acción generado por el botón.
------------	---


```

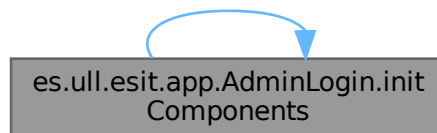
00124         .addComponent(jLabel1)
00125         .addGap(29, 29, 29)
00126         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00127         .addGap(18, 18, 18)
00128         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00129         .addGap(29, 29, 29)
00130         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00131         .addContainerGap(115, Short.MAX_VALUE)
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,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00139     );
00140     layout.setVerticalGroup(
00141         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00142         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00143     );
00144
00145     pack();
00146     setLocationRelativeTo(null);
00147 } // </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 "Menu".

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_jButtonon1ActionPerformed
00169
00170         new Frame1().setVisible(true);
00171     } //GEN-LAST:event_jButtonon1ActionPerformed
```

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_jButtonon2ActionPerformed
00157
00158         new adminProducts().setVisible(true);
00159     } //GEN-LAST:event_jButtonon2ActionPerformed
```

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_jButtonon3ActionPerformed
00181
00182         new Login().setVisible(true);
00183     } //GEN-LAST:event_jButtonon3ActionPerformed
```

8.1.3.5 main()

Generated by Doxygen

```
void es.ull.esit.app.AdminLogin.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 190 of file [AdminLogin.java](#).

```

00190                                     {
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 java.swing.UIManager.getInstalledLookAndFeels()) {
00199                 if ("Nimbus".equals(info.getName())) {
00200                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00201                     break;
00202                 }
00203             } catch (ClassNotFoundException ex) {
00204
00205 java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00206 null, ex);
00207             } catch (InstantiationException ex) {
00208
00209 java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00210 null, ex);
00211             } catch (IllegalAccessException ex) {
00212
00213 java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00214 null, ex);
00215             } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00216
00217 java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
00218 null, ex);
00219             }
00220         }
00221     }
00222     //</editor-fold>
00223
00224     /* Create and display the form */
00225     java.awt.EventQueue.invokeLater(new Runnable() {
00226         public void run() {
00227             new AdminLogin().setVisible(true);
00228         }
00229     });
00230 }

```

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](#).

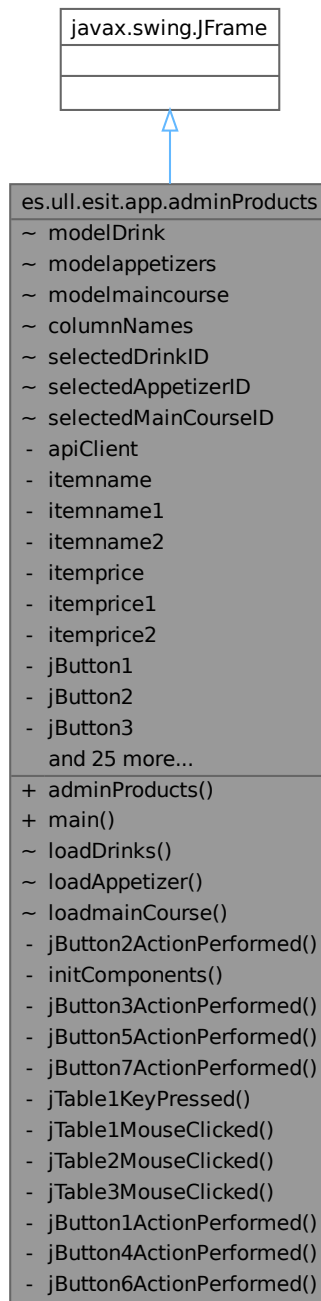
Referenced by [initComponents\(\)](#).

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     }
```

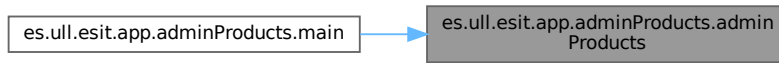
References [apiClient](#), and [initComponents\(\)](#).

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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

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

Manejador del botón "Go Back".

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

Parameters

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

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

```

00146                                     {
00147
00148         jPanel1 = new javax.swing.JPanel();
00149         jLabel1 = new javax.swing.JLabel();
00150         jTabbedPane1 = new javax.swing.JTabbedPane();
00151         jPanel2 = 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         jButton1 = new javax.swing.JButton();
00157         jButton2 = new javax.swing.JButton();
00158         jLabel2 = new javax.swing.JLabel();
00159         jLabel3 = new javax.swing.JLabel();
00160         jLabel4 = new javax.swing.JLabel();
00161         jPanel3 = new javax.swing.JPanel();
00162         jLabel5 = new javax.swing.JLabel();
00163         jLabel6 = new javax.swing.JLabel();
00164         jLabel7 = 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         jPanel4 = new javax.swing.JPanel();
00172         jLabel8 = new javax.swing.JLabel();
00173         jLabel9 = 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
00183         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00184         setTitle("Admin");
00185         setResizable(false);
00186
00187         jPanel1.setBackground(new java.awt.Color(248, 244, 230));
00188
00189         jLabel1.setBackground(new java.awt.Color(255, 153, 0));
00190         jLabel1.setFont(new java.awt.Font("Yu Gothic UI", 1, 36)); // NOI18N
00191         jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00192         jLabel1.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         jPanel2.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
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",
javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
Gothic UI", 0, 18))); // NOI18N
00204
00205         itemprice.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00206         itemprice.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00207         itemprice.setBorder(javax.swing.BorderFactory.createTitledBorder(new
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Price",
javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
Gothic UI", 0, 18))); // NOI18N
00208
00209         jTable1.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00210         jTable1.setModel(new javax.swing.table.DefaultTableModel(
00211             new Object [][] {
00212                 {},
00213                 {},
00214                 {},
00215                 {}
00216             },
00217             new String [] {
00218
00219             }
00220         ));
00221         jTable1.setInheritsPopupMenu(true);
00222         jTable1.getTableHeader().setResizingAllowed(false);
00223         jTable1.getTableHeader().setReorderingAllowed(false);
00224         jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
00225             public void mouseClicked(java.awt.event.MouseEvent evt) {
00226                 jTable1MouseClicked(evt);
00227             }
00228         });
00229         jTable1.addKeyListener(new java.awt.event.KeyAdapter() {
00230             public void keyPressed(java.awt.event.KeyEvent evt) {
00231                 jTable1KeyPressed(evt);
00232             }
00233         });
00234         jScrollPane1.setViewportView(jTable1);
00235
00236         jButton1.setBackground(new java.awt.Color(255, 255, 255));
00237         jButton1.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00238         jButton1.setText("Update");
00239         jButton1.addActionListener(new java.awt.event.ActionListener() {
00240             public void actionPerformed(java.awt.event.ActionEvent evt) {
00241                 jButton1ActionPerformed(evt);
00242             }
00243         });
00244
00245         jButton2.setBackground(new java.awt.Color(255, 255, 255));
00246         jButton2.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00247         jButton2.setText("Add");
00248         jButton2.addActionListener(new java.awt.event.ActionListener() {
00249             public void actionPerformed(java.awt.event.ActionEvent evt) {
00250                 jButton2ActionPerformed(evt);
00251             }
00252         });

```

```

00284         }
00285     });
00286
00287     jLabel2.setBackground(new java.awt.Color(255, 153, 0));
00288     jLabel2.setFont(new java.awt.Font("Yu Gothic UI", 1, 25)); // NOI18N
00289     jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00290     jLabel2.setText("Available Drinks");
00291
00292     jLabel3.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00293     jLabel3.setText("Enter new drink information carefully to add.");
00294
00295     jLabel4.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00296     jLabel4.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(javax.swing.GroupLayout.Alignment.TRAILING,
00303                 jPanel2Layout.createSequentialGroup()
00304                     .addGap(0, 27, Short.MAX_VALUE)
00305                     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00306                         .addGroup(jPanel2Layout.createSequentialGroup()
00307                             .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
00308                                 .addGroup(jPanel2Layout.createSequentialGroup()
00309                                     .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 91,
00310                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00311                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00312                                         109, Short.MAX_VALUE)
00313                                     .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 103,
00314                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00315                                     .addGap(8, 8, 8))
00316                                     .addComponent(itemprice)
00317                                     .addComponent(itemname, javax.swing.GroupLayout.DEFAULT_SIZE, 311,
00318                                         Short.MAX_VALUE)
00319                                     .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
00320                                         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
00321                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
00322                                         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00323                                     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00324                                         .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
00325                                             javax.swing.GroupLayout.PREFERRED_SIZE)
00326                                         .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
00327                                             javax.swing.GroupLayout.PREFERRED_SIZE))
00328                                     .addGap(115, 115, 115))
00329                                     .addGroup(jPanel2Layout.createSequentialGroup()
00330                                         .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 111,
00331                                             javax.swing.GroupLayout.PREFERRED_SIZE)
00332                                         .addGap(18, 18, 18)))
00333                             .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00334                                 .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
00335                                     Short.MAX_VALUE)
00336                                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00337                                     .addComponent(jLabel3)
00338                                     .addComponent(jLabel4))
00339                                 .addGap(18, 18, 18)
00340                                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00341                                     .addGroup(jPanel2Layout.createSequentialGroup()
00342                                         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00343                                             .addComponent(itemname, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00344                                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00345                                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00346                                             .addComponent(itemprice, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00347                                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00348                                             .addGap(37, 37, 37))
00349                                         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00350                                             .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00351                                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00352                                             .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00353                                                 javax.swing.GroupLayout.PREFERRED_SIZE))
00354                                         .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
00355                                             javax.swing.GroupLayout.PREFERRED_SIZE))
00356                                     .addGap(48, 48, 48))
00357                             .addGap(48, 48, 48))
00358                     .addGap(48, 48, 48))
00359     );
00360     jTabbedPane1.addTab("Drinks", jPanel2);
00361

```

```

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                     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
00420                         .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 91,
00421                             javax.swing.GroupLayout.PREFERRED_SIZE)
00422                         .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 103,
00423                             javax.swing.GroupLayout.PREFERRED_SIZE))
00424                     .addGap(8, 8, 8))
00425                 .addGroup(jPanel3Layout.createSequentialGroup()
00426                     .addComponent(itemprice1)
00427                     .addComponent(itemName1)
00428                     .addContainerGap())
00429                 .addGroup(jPanel3Layout.createSequentialGroup()
00430                     .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,

```

```

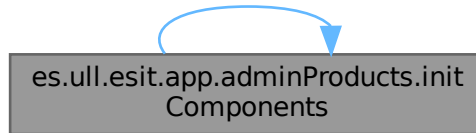
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
00451         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00452
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00453         .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
javax.swing.GroupLayout.PREFERRED_SIZE)
00454         .addComponent(jLabel17, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
javax.swing.GroupLayout.PREFERRED_SIZE))
00455         .addGap(115, 115, 115))
00456         .addGroup(jPanel3Layout.createSequentialGroup()
00457         .addComponent(jLabel16, javax.swing.GroupLayout.PREFERRED_SIZE, 1111,
javax.swing.GroupLayout.PREFERRED_SIZE)
00458         .addGap(18, 18, 18))))
00459     );
00460     jPanel3Layout.setVerticalGroup(
00461     jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00462     .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()
00463         .addContainerGap()
00464         .addComponent(jLabel16)
00465         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
Short.MAX_VALUE)
00466     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00467         .addComponent(jLabel15)
00468         .addComponent(jLabel17))
00469     .addGap(18, 18, 18)
00470     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00471     .addGroup(jPanel3Layout.createSequentialGroup()
00472         .addComponent(itemname1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00473         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00474         .addComponent(itemprice1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00475         .addGap(37, 37, 37)
00476     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00477         .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
00478         .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
00479     .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
javax.swing.GroupLayout.PREFERRED_SIZE)
00480     .addGap(48, 48, 48))
00481     );
00482
00483     jTabbedPane1.addTab("Appetizers", jPanel3);
00484
00485     jPanel4.setBackground(new java.awt.Color(248, 244, 230));
00486     jPanel4.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00487
00488     jLabel18.setBackground(new java.awt.Color(248, 244, 230));
00489     jLabel18.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00490     jLabel18.setText("Enter new item information carefully to add.");
00491
00492     jLabel19.setBackground(new java.awt.Color(255, 153, 0));
00493     jLabel19.setFont(new java.awt.Font("Yu Gothic UI", 1, 25)); // NOI18N
00494     jLabel19.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00495     jLabel19.setText("Avaliable MainCourse");
00496
00497     jLabel10.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00498     jLabel10.setText("Please select the item to update the price.");
00499
00500     jTable3.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00501     jTable3.setModel(new javax.swing.table.DefaultTableModel(
00502         new Object [][] {
00503             {},
00504             {},
00505             {},
00506             {}
00507         },
00508         new String [] {
00509
00510         }
00511     ));
00512     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
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",

```

Generated by Doxygen

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
00835     { //GEN-FIRST:event_jButton1ActionPerformed
00836         try {
00837             Drink updatedDrink = new Drink(selectedDrinkID, itemname.getText(),
00838                 Integer.parseInt(itemprice.getText()), null);
00839             apiClient.updateDrink(selectedDrinkID, updatedDrink);
00840             JOptionPane.showMessageDialog(null, "Drink updated successfully.");
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

<i>evt</i>	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

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

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

```
00692     { //GEN-FIRST:event_jButton3ActionPerformed
00693
00694         new AdminLogin().setVisible(true);
00695     } //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 actual-

Parameters

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

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

```

00858
00859     { //GEN-FIRST:event_jButton4ActionPerformed
00860         try {
00861             Appetizer updatedAppetizer = new Appetizer(selectedAppetizerID, itemname1.getText(),
00862                 Integer.parseInt(itemprice1.getText()), null);
00863             apiClient.updateAppetizer(selectedAppetizerID, updatedAppetizer);
00864             JOptionPane.showMessageDialog(null, "Appetizer updated successfully.");
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

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

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

```

00705
00706     { //GEN-FIRST:event_jButton5ActionPerformed
00707         try {
00708             Appetizer newAppetizer = new Appetizer(null, itemname1.getText(),
00709                 Integer.parseInt(itemprice1.getText()), null);
00710             apiClient.createAppetizer(newAppetizer);
00711             JOptionPane.showMessageDialog(null, "Appetizer Added Successfully.");
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

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

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

```

00882
00883     { //GEN-FIRST:event_jButton6ActionPerformed
00884         try {
00885             MainCourse updatedMainCourse = new MainCourse(selectedMainCourseID, itemname2.getText(),
00886                 Integer.parseInt(itemprice2.getText()), null);
00887             apiClient.updateMainCourse(selectedMainCourseID, updatedMainCourse);
00888             JOptionPane.showMessageDialog(null, "Main course updated successfully.");
00889
00890             // Refresh table
00891             DefaultTableModel dtm = (DefaultTableModel) jTable3.getModel();
00892             dtm.setRowCount(0);
00893             loadmainCourse();
00894         } catch (Exception ex) {
00895             JOptionPane.showMessageDialog(null, "Error updating main course: " + ex.getMessage());
00896         }
00897     } //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

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

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

```

00729
00730     { //GEN-FIRST:event_jButton7ActionPerformed
00731         try {
00732             MainCourse newMainCourse = new MainCourse(null, itemname2.getText(),
00733                 Integer.parseInt(itemprice2.getText()), null);
00734             apiClient.createMainCourse(newMainCourse);
00735             JOptionPane.showMessageDialog(null, "Main Course Added Successfully.");
00736
00737             // Refresh table
00738             DefaultTableModel dtm = (DefaultTableModel) jTable3.getModel();
00739             dtm.setRowCount(0);
00740             loadmainCourse();
00741         } catch (Exception ex) {
00742             JOptionPane.showMessageDialog(null, "Error adding main course: " + ex.getMessage());
00743         }
00744     } //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

<i>evt</i>	Evento de tecla generado por la acción del usuario.
------------	---

Returns

void

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

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

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

Returns

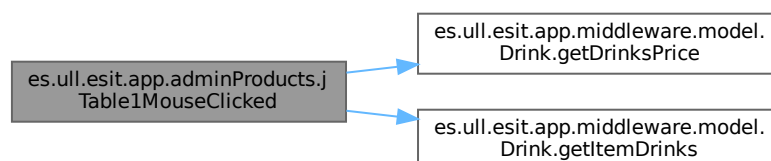
void

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

```
00766      {//GEN-FIRST:event_jTable1MouseClicked
00767          String selectedIDKey = jTable1.getValueAt(jTable1.getSelectedRow(), 0).toString();
00768          selectedDrinkID = Long.valueOf(selectedIDKey);
00769          System.out.println("You select id " + selectedDrinkID + " of Drink to update.");
00770
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
```

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

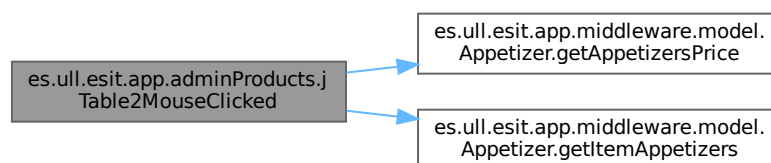
`void`

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.getItemAppetizers\(\)](#), [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

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

Returns

void

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

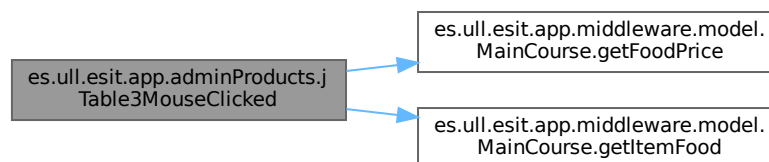
```

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
00818         try {
00819             MainCourse mainCourse = apiClient.getMainCourseById(selectedMainCourseID);
00820             itemname2.setText(mainCourse.getItemFood());
00821             itemprice2.setText(String.valueOf(mainCourse.getFoodPrice()));
00822         } catch (Exception ex) {
00823             JOptionPane.showMessageDialog(null, "Error loading main course: " + ex.getMessage());
00824         }
00825     //GEN-LAST:event_jTable3MouseClicked

```

References [apiClient](#), [es.ull.esit.app.middleware.model.MainCourse.getFoodPrice\(\)](#), [es.ull.esit.app.middleware.model.MainCourse.getItemFood\(\)](#), [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

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

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

```

00901
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             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         } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00924             java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00925                 null, ex);
00926         }
00927     }
00928     //</editor-fold>
00929     /* Create and display the form */
00930     java.awt.EventQueue.invokeLater(new Runnable() {
00931         public void run() {
00932             new adminProducts().setVisible(true);
00933         }
00934     });
00935 }

```

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
<ul style="list-style-type: none"> - http - baseUrl - mapper
<ul style="list-style-type: none"> + 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.ull.esit.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  
00172         return post("/api/cashiers", cashier, Cashier.class);  
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  
00228         return post("/api/drinks", drink, Drink.class);  
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
00283         return post("/api/maincourses", mainCourse, MainCourse.class);
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()

[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
00105         return get("/api/appetizers/" + id, Appetizer.class);
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
00163         return get("/api/cashiers/" + id, Cashier.class);
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                                     {
00219         return get("/api/drinks/" + id, Drink.class);
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.

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.ull.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.ull.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]
```

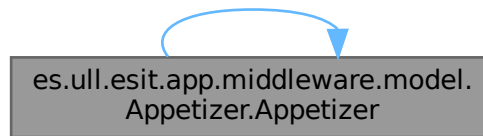
Definition at line 21 of file [Appetizer.java](#).

```
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 {
00032     this.appetizersId = appetizersId;
00033     this.itemAppetizers = itemAppetizers;
00034     this.appetizersPrice = appetizersPrice;
00035     this.receiptId = receiptId;
00036 }
  
```

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](#).

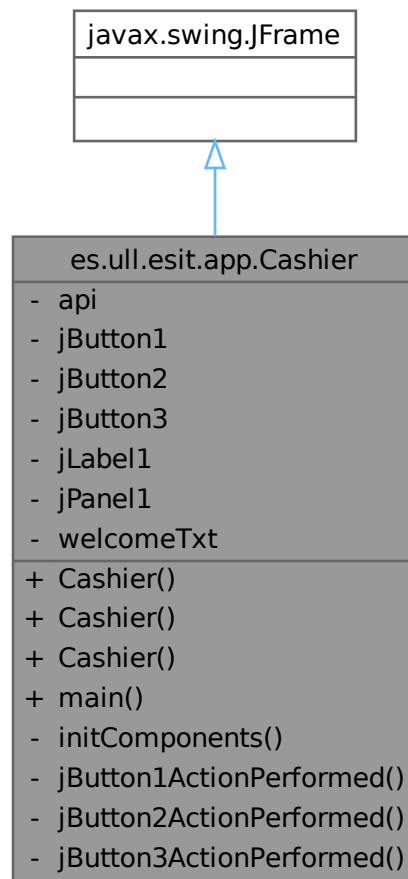
Referenced by [Appetizer\(\)](#), [getReceiptId\(\)](#), and [setReceiptId\(\)](#).

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

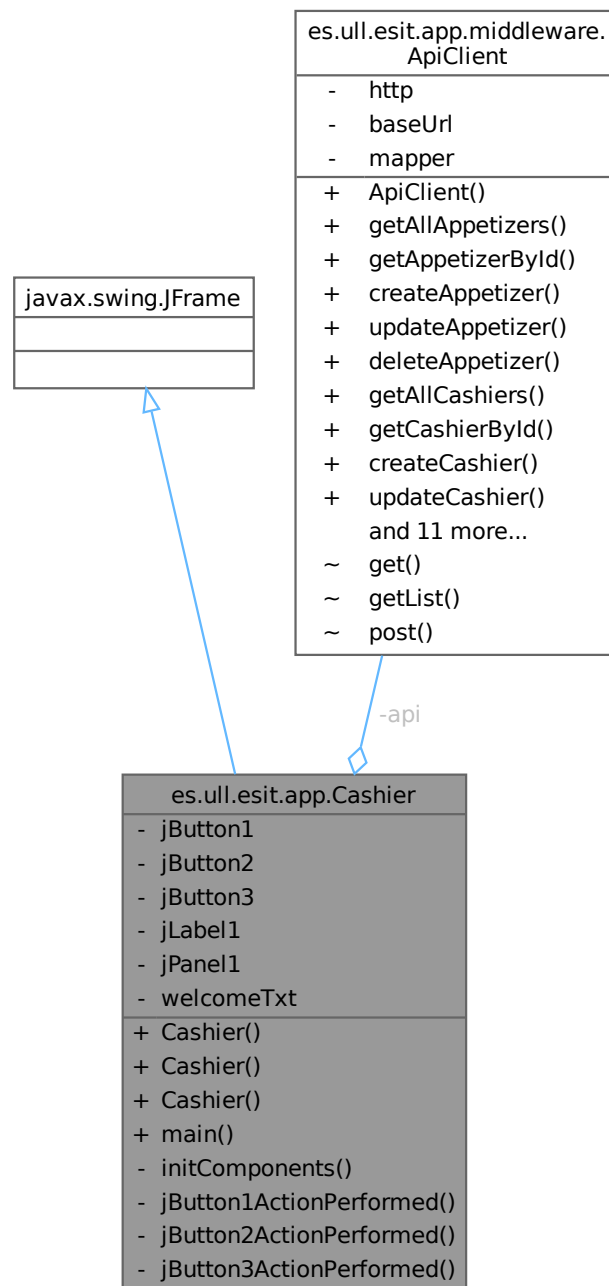
- [Appetizer.java](#)

8.5 es.ull.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 [welcomeText](#)

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.

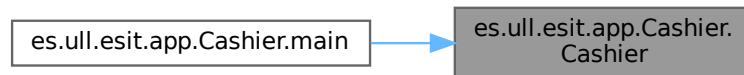
Definition at line 28 of file [Cashier.java](#).

```
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

<i>name</i>	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]
```

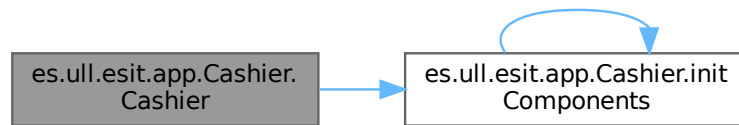
Constructor que recibe un [ApiClient](#) y opcionalmente el nombre del cajero.

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

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

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

<code>evt</code>	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

<code>evt</code>	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](#)).

Parameters

<code>evt</code>	Evento de acción generado por el botón.
------------------	---

Returns

void

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

```

00063                                     {
00064
00065         jPanel1 = new javax.swing.JPanel();
00066         welcomeTxt = new javax.swing.JLabel();
00067         jButton1 = new javax.swing.JButton();
00068         jButton2 = new javax.swing.JButton();
00069         jLabel1 = 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         jPanel1.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() {
00094             public void actionPerformed(java.awt.event.ActionEvent evt) {
00095                 jButton1ActionPerformed(evt);
00096             }
00097         });
00098
00099         jButton2.setBackground(new java.awt.Color(153, 153, 153));
00100         jButton2.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00101         jButton2.setText("Menu");
00102         jButton2.addActionListener(new java.awt.event.ActionListener() {
00111             public void actionPerformed(java.awt.event.ActionEvent evt) {
00112                 jButton2ActionPerformed(evt);
00113             }
00114         });
00115
00116         jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); //
NOI18N
00117
00118         jButton3.setBackground(new java.awt.Color(255, 255, 255));
00119         jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00120         jButton3.setText("LogOut");
00121         jButton3.addActionListener(new java.awt.event.ActionListener() {
00131             public void actionPerformed(java.awt.event.ActionEvent evt) {
00132                 jButton3ActionPerformed(evt);
00133             }
00134         });
00135
00136         javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00137         jPanel1.setLayout(jPanel1Layout);
00138         jPanel1Layout.setHorizontalGroup(
00139             jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00140                 .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
00141                     .addContainerGap(109, Short.MAX_VALUE)
00142                     .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00143                         .addComponent(welcomeTxt, javax.swing.GroupLayout.PREFERRED_SIZE, 299,
javax.swing.GroupLayout.PREFERRED_SIZE)
00144                         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00145                             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
00146                                 .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
javax.swing.GroupLayout.PREFERRED_SIZE)
00147                                 .addGap(98, 98, 98))
00148                             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
00149                                 .addComponent(jLabel1)
00150                                 .addGap(183, 183, 183))

```

```

00151         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanellLayout.createSequentialGroup())
00152         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
javax.swing.GroupLayout.PREFERRED_SIZE)
00153         .addGap(190, 190, 190))))
00154         .addGroup(jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00155         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanellLayout.createSequentialGroup())
00156         .addContainerGap(108, Short.MAX_VALUE)
00157         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
javax.swing.GroupLayout.PREFERRED_SIZE)
00158         .addGap(99, 99, 99))
00159     );
00160     jPanellLayout.setVerticalGroup(
00161     jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00162     .addGroup(jPanellLayout.createSequentialGroup())
00163     .addGap(45, 45, 45)
00164     .addComponent(welcomeTxt, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)
00165     .addGap(18, 18, 18)
00166     .addComponent(jLabel1)
00167     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 99,
Short.MAX_VALUE)
00168     .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00169     .addGap(57, 57, 57)
00170     .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00171     .addGap(68, 68, 68))
00172     .addGroup(jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00173     .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanellLayout.createSequentialGroup())
00174     .addContainerGap(290, Short.MAX_VALUE)
00175     .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00176     .addGap(242, 242, 242))
00177     );
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(jPanell, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00184     );
00185     layout.setVerticalGroup(
00186     layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00187     .addComponent(jPanell, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00188     );
00189
00190     pack();
00191     setLocationRelativeTo(null);
00192 } // </editor-fold> // GEN-END: initComponents

```

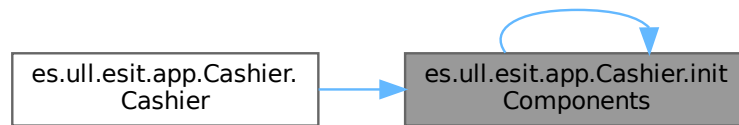
References [initComponents\(\)](#), [jButton1](#), [jButton2](#), [jButton3](#), [jLabel1](#), [jPanel1](#), and [welcomeTxt](#).

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

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

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

```
00201
00202  { //GEN-FIRST:event_jButton1ActionPerformed
00203      // If you want to show cashier info instead of generic info
00204      new Thread(() -> {
00205          try {
00206              // Example: get cashier data
00207              List<es.ull.esit.app.middleware.model.Cashier> cashiers = api.getAllCashiers();
00208              System.out.println("Found " + cashiers.size() + " cashiers");
00209          } catch (Exception ex) {
00210              System.err.println("Error getting cashiers: " + ex.getMessage());
00211          }
00212          javax.swing.SwingUtilities.invokeLater(() -> {
00213              new Info().setVisible(true);
00214              dispose();
00215          });
00216      }).start();
00217  } //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
00219  { //GEN-FIRST:event_jButton2ActionPerformed
00220      // Load menu items using new CRUD methods
00221      new Thread(() -> {
00222          try {
00223              List<es.ull.esit.app.middleware.model.Appetizer> appetizers = api.getAllAppetizers();
00224              List<es.ull.esit.app.middleware.model.Drink> drinks = api.getAllDrinks();
00225          }
00226      }).start();
00227  } //GEN-LAST:event_jButton2ActionPerformed
```



```

00224         List<es.ull.esit.app.middleware.model.MainCourse> mainCourses =
api.getAllMainCourses();
00225
00226         System.out.println("Menu loaded: " + appetizers.size() + " appetizers, " +
00227             drinks.size() + " drinks, " + mainCourses.size() + " main courses");
00228     } catch (Exception ex) {
00229         System.err.println("Error loading menu: " + ex.getMessage());
00230     }
00231     javax.swing.SwingUtilities.invokeLater(() -> {
00232         new Framel().setVisible(true);
00233         dispose();
00234     });
00235     }).start();
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     { //GEN-FIRST:event_jButton3ActionPerformed
00244         // Opcional: notificar al middleware del logout
00245         new Thread(() -> {
00246             try {
00247                 api.login(""); // simple ping/logout placeholder
00248             } catch (Exception ex) {
00249                 // ignora
00250             }
00251             javax.swing.SwingUtilities.invokeLater(() -> {
00252                 new Login().setVisible(true);
00253                 dispose();
00254             });
00255         }).start();
00256     } //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 */

```

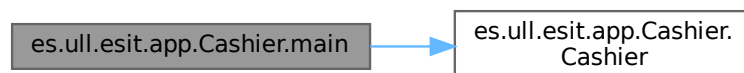
```

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
00268          * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00269          */
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             }
00277             catch (ClassNotFoundException ex) {
00278                 java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00279                     ex);
00280             }
00281             catch (InstantiationException ex) {
00282                 java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00283                     ex);
00284             }
00285             catch (IllegalAccessException ex) {
00286                 java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00287                     ex);
00288             }
00289             catch (javax.swing.UnsupportedLookAndFeelException ex) {
00290                 java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00291                     ex);
00292             }
00293         }
00294     }
00295 }
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```

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 {}
```

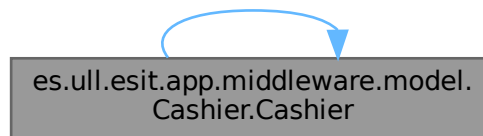
References [Cashier\(\)](#).

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 (
```

Generated by Doxygen

```
String name) [inline]
```

Set name.

Parameters

<i>name</i>	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

<i>salary</i>	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]
```

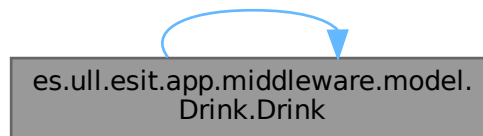
Definition at line 21 of file [Drink.java](#).

```
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

<i>drinksId</i>	the drinks ID
<i>itemDrinks</i>	the drink item name
<i>drinksPrice</i>	the drink price
<i>receiptId</i>	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](#).

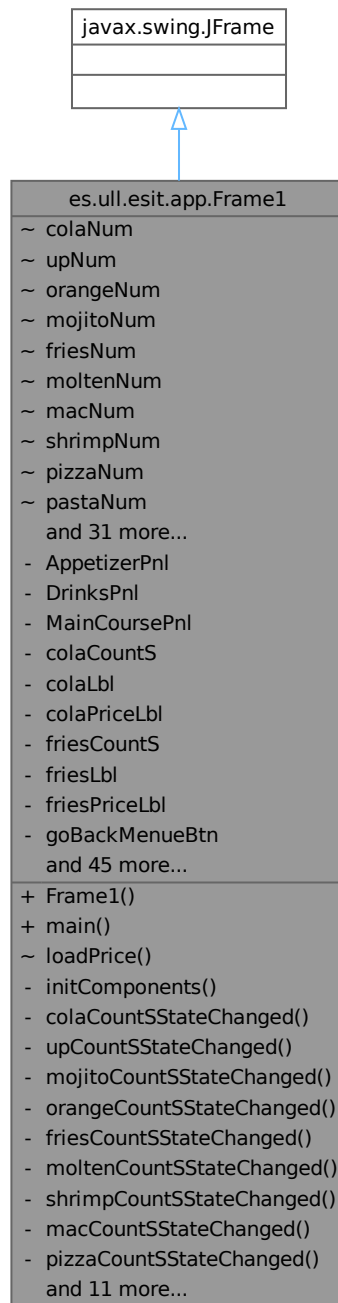
Referenced by [Drink\(\)](#), [getReceiptId\(\)](#), and [setReceiptId\(\)](#).

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

- [Drink.java](#)

8.8 es.ull.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 [goBackMenuBtn](#)
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](#).

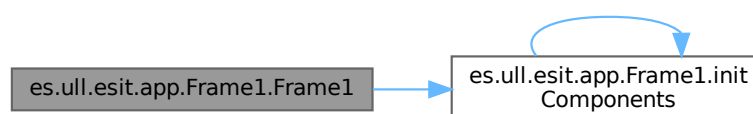
Definition at line 40 of file [Frame1.java](#).

```
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
01027    } // 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

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

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

```
01311                                                                    { //
01312     GEN-FIRST:event_goBackMenueBtnActionPerformed
01313         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

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

Called when the state of the upCountS spinner changes.

Parameters

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

Called when the state of the mojitoCountS spinner changes.

Parameters

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

Called when the state of the orangeCountS spinner changes.

Parameters

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

Called when the state of the friesCountS spinner changes.

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

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

Called when the spaghettiSpicy checkbox is toggled.

Parameters

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

Called when the pizzaSpicy checkbox is toggled.

Parameters

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

Called when the pastaChicken checkbox is toggled.

Parameters

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

Called when the salmonRice checkbox is toggled.

Parameters

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

Called when the payBtn button is clicked.

Parameters

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

Called when the newReceiptBtn button is clicked.

Parameters

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

Called when the saveReceiptBtn button is clicked.

Parameters

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

Called when the goBackMenueBtn button is clicked.

Parameters

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

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

```

00060         {
00061
00062             jPanel2 = 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             jPanel1 = 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             goBackMenuBtn = 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             jPanel2.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

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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() {
00150             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00151                 colaCountSStateChanged(evt);
00152             }
00153         });
00154
00155         upCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00156         upCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00157         upCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00163             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00164                 upCountSStateChanged(evt);
00165             }
00166         });
00167
00168         mojitoCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00169         mojitoCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00170         mojitoCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00176             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00177                 mojitoCountSStateChanged(evt);
00178             }
00179         });
00180
00181         orangLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00182         orangLbl.setText("Orange juice");
00183
00184         orangeCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00185         orangeCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00186         orangeCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00192             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00193                 orangeCountSStateChanged(evt);
00194             }
00195         });
00196
00197         orangePriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00198         orangePriceLbl.setText("0.0 SR");
00199
00200         upPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00201         upPriceLbl.setText("0.0 SR");
00202
00203         colaPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00204         colaPriceLbl.setText("0.0 SR");
00205
00206         mojitoPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00207         mojitoPriceLbl.setText("0.0 SR");
00208
00209         javax.swing.GroupLayout DrinksPnlLayout = new javax.swing.GroupLayout(DrinksPnl);
00210         DrinksPnl.setLayout(DrinksPnlLayout);
00211         DrinksPnlLayout.setHorizontalGroup(
00212             DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00213                 .addGroup(DrinksPnlLayout.createSequentialGroup()
00214                     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00215                         .addGroup(DrinksPnlLayout.createSequentialGroup()
00216                             .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00217                                 .addGroup(DrinksPnlLayout.createSequentialGroup()
00218                                     .addComponent(colalLbl,
00219                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00220                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00221                                     .addGap(18, 18, 18)
00222                                     .addComponent(colacountS,
00223                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00224                                         javax.swing.GroupLayout.DEFAULT_SIZE,
00225                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00226                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00227                                     .addComponent(colapricelLbl)
00228                                     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00229                                         .addGroup(DrinksPnlLayout.createSequentialGroup()
00230                                             .addGap(15, 15, 15)
00231                                             .addComponent(upLbl,
00232                                                 javax.swing.GroupLayout.PREFERRED_SIZE,
00233                                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00234                                             .addGap(18, 18, 18)
00235                                             .addComponent(upcountS,
00236                                                 javax.swing.GroupLayout.PREFERRED_SIZE,
00237                                                 javax.swing.GroupLayout.DEFAULT_SIZE,
00238                                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00239                                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00240                                             .addComponent(uppricelLbl)
00241                                             .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00242                                                 .addGap(5, 5, 5)
00243                                                 .addComponent(orangelLbl)
00244                                                 .addGap(12, 12, 12)

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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     .addGap(16, 16, 16)
00251     .addComponent(mojitoCountS,
00252     javax.swing.GroupLayout.PREFERRED_SIZE,
00253     javax.swing.GroupLayout.DEFAULT_SIZE,
00254     javax.swing.GroupLayout.PREFERRED_SIZE)
00255     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00256     .addComponent(mojitoPriceLbl)))
00257     .addContainerGap(14, Short.MAX_VALUE));
00258     DrinksPnlLayout.setVerticalGroup(
00259     DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00260     .addGroup(DrinksPnlLayout.createSequentialGroup())
00261     .addGap(8, 8, 8)
00262     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00263     .addComponent(colaLbl)
00264     .addGroup(DrinksPnlLayout
00265     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00266     .addComponent(colaPriceLbl)
00267     .addComponent(colaCountS,
00268     javax.swing.GroupLayout.PREFERRED_SIZE,
00269     javax.swing.GroupLayout.DEFAULT_SIZE,
00270     javax.swing.GroupLayout.PREFERRED_SIZE)))
00271     .addGap(8, 8, 8)
00272     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00273     .addComponent(upLbl)
00274     .addGroup(DrinksPnlLayout
00275     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00276     .addComponent(upPriceLbl)
00277     .addComponent(upCountS,
00278     javax.swing.GroupLayout.PREFERRED_SIZE,
00279     javax.swing.GroupLayout.DEFAULT_SIZE,
00280     javax.swing.GroupLayout.PREFERRED_SIZE)))
00281     .addGap(13, 13, 13)
00282     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00283     .addComponent(orangLbl)
00284     .addGroup(DrinksPnlLayout
00285     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00286     .addComponent(orangeCountS,
00287     javax.swing.GroupLayout.PREFERRED_SIZE,
00288     javax.swing.GroupLayout.DEFAULT_SIZE,
00289     javax.swing.GroupLayout.PREFERRED_SIZE)
00290     .addComponent(orangePriceLbl)))
00291     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00292     .addGroup(DrinksPnlLayout.createSequentialGroup())
00293     .addGap(8, 8, 8)
00294     .addComponent(mojitoLbl))
00295     .addGroup(DrinksPnlLayout.createSequentialGroup())
00296     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00297     .addGroup(DrinksPnlLayout
00298     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00299     .addComponent(mojitoCountS,
00300     javax.swing.GroupLayout.PREFERRED_SIZE,
00301     javax.swing.GroupLayout.DEFAULT_SIZE,
00302     javax.swing.GroupLayout.PREFERRED_SIZE)
00303     .addComponent(mojitoPriceLbl)))
00304     .addContainerGap(28, Short.MAX_VALUE));
00305     AppetizerPnl.setBackground(new java.awt.Color(248, 244, 230));
00306     AppetizerPnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00307     new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Appetizers",
00308     javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00309     new java.awt.Font("Yu Gothic UI", 0, 18))); // NOI18N
00310     AppetizerPnl.setPreferredSize(new java.awt.Dimension(260, 278));

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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.SpinnerNumberModel(0, 0, 10, 1));
00318         friesCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00324             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00325                 friesCountSStateChanged(evt);
00326             }
00327         });
00328
00329         moltenCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00330         moltenCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00331         moltenCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00337             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00338                 moltenCountSStateChanged(evt);
00339             }
00340         });
00341
00342         shrimpCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00343         shrimpCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00344         shrimpCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00350             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00351                 shrimpCountSStateChanged(evt);
00352             }
00353         });
00354
00355         macLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00356         macLbl.setText("Mac&Cheese Balls");
00357
00358         macCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00359         macCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00360         macCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00366             public void stateChanged(javax.swing.event.ChangeEvent evt) {
00367                 macCountSStateChanged(evt);
00368             }
00369         });
00370
00371         friesPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00372         friesPriceLbl.setText("0.0 SR");
00373
00374         moltenPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00375         moltenPriceLbl.setText("0.0 SR");
00376
00377         macPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00378         macPriceLbl.setText("0.0 SR");
00379
00380         shrimpPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
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                     .addGroup(AppetizerPnlLayout.createParallelGroup()
00389                         .addGap(24, 24)
00390                         .addComponent(AppetizerPnlLayout
00391                             .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00392                                 .addGroup(AppetizerPnlLayout.createSequentialGroup()
00393                                     .addComponent(friesLbl,
00394                                         javax.swing.GroupLayout.PREFERRED_SIZE,
00395                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00396                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00397                                         31,
00398                                         Short.MAX_VALUE)
00399                                     .addComponent(friesCountS,
00400                                         javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00401                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00402                                     .addGap(18, 18, 18)
00403                                     .addComponent(friesPriceLbl))
00404                                     .addGroup(AppetizerPnlLayout.createSequentialGroup()
00405                                         .addComponent(shrimpLbl)
00406                                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00407                                             javax.swing.GroupLayout.DEFAULT_SIZE,
00408                                             Short.MAX_VALUE)
00409                                         .addComponent(shrimpCountS,
00410                                             javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00411                                             javax.swing.GroupLayout.PREFERRED_SIZE)
00412                                         .addGap(18, 18, 18)

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00407                                     .addComponent(shrimpPriceLbl))
00408                                     .addGroup(AppetizerPnlLayout.createSequentialGroup())
00409                                     .addComponent(moltenLbl,
javax.swing.GroupLayout.DEFAULT_SIZE,
00410                                     javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
00411                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00412                                     .addComponent(moltenCountS,
javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00413                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00414                                     .addGap(18, 18, 18)
00415                                     .addComponent(moltenPriceLbl))
00416                                     .addGroup(AppetizerPnlLayout.createSequentialGroup())
00417                                     .addComponent(macLbl)
00418                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00419                                     javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
00420                                     .addComponent(macCountS,
javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00421                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00422                                     .addGap(18, 18, 18)
00423                                     .addComponent(macPriceLbl)))
00424                                     .addContainerGap());
00425                                     AppetizerPnlLayout.setVerticalGroup(
00426                                     AppetizerPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00427                                     .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
AppetizerPnlLayout.createSequentialGroup())
00428                                     .addContainerGap(19, Short.MAX_VALUE)
00429                                     .addGroup(AppetizerPnlLayout
00430                                     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00431                                     .addComponent(friesLbl,
javax.swing.GroupLayout.PREFERRED_SIZE, 20,
00432                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00433                                     .addGroup(AppetizerPnlLayout
00434                                     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00435                                     .addComponent(friesCountS,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00436                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00437                                     .addComponent(friesPriceLbl)))
00438                                     .addGap(10, 10, 10)
00439                                     .addGroup(AppetizerPnlLayout
00440                                     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00441                                     .addComponent(moltenLbl)
00442                                     .addGroup(AppetizerPnlLayout
00443                                     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00444                                     .addComponent(moltenCountS,
javax.swing.GroupLayout.PREFERRED_SIZE,
00445                                     javax.swing.GroupLayout.DEFAULT_SIZE,
00446                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00447                                     .addComponent(moltenPriceLbl)))
00448                                     .addGroup(AppetizerPnlLayout
00449                                     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00450                                     .addGroup(AppetizerPnlLayout.createSequentialGroup())
00451                                     .addGap(14, 14, 14)
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,
javax.swing.GroupLayout.PREFERRED_SIZE,
00459                                     30,
javax.swing.GroupLayout.PREFERRED_SIZE)))
00460                                     .addGap(16, 16, 16)
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,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00467                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00468                                     .addComponent(shrimpPriceLbl)))
00469                                     .addContainerGap());
00470

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

```

```

00592         public void actionPerformed(java.awt.event.ActionEvent evt) {
00593             pastaChickenActionPerformed(evt);
00594         }
00595     });
00596
00597     salmonRice.setBackground(new java.awt.Color(255, 255, 255));
00598     salmonRice.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00599     salmonRice.setText("Rice");
00600     salmonRice.addActionListener(new java.awt.event.ActionListener() {
00601         public void actionPerformed(java.awt.event.ActionEvent evt) {
00602             salmonRiceActionPerformed(evt);
00603         }
00604     });
00605
00606     javax.swing.GroupLayout MainCoursePnlLayout = new javax.swing.GroupLayout(MainCoursePnl);
00607     MainCoursePnl.setLayout(MainCoursePnlLayout);
00608     MainCoursePnlLayout.setHorizontalGroup(
00609         MainCoursePnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00610             .addGroup(MainCoursePnlLayout.createSequentialGroup()
00611                 .addGroup(MainCoursePnlLayout.createSequentialGroup()
00612                     .addContainerGap()
00613                     .addGroup(MainCoursePnlLayout.createParallelGroup(
00614                         javax.swing.GroupLayout.Alignment.LEADING,
00615                         false)
00616                         .addComponent(pizzaLbl,
00617                             javax.swing.GroupLayout.PREFERRED_SIZE,
00618                             javax.swing.GroupLayout.PREFERRED_SIZE,
00619                             Short.MAX_VALUE)
00620                         .addComponent(pastaLbl,
00621                             javax.swing.GroupLayout.PREFERRED_SIZE,
00622                             javax.swing.GroupLayout.PREFERRED_SIZE,
00623                             Short.MAX_VALUE)
00624                         .addComponent(salmonLbl,
00625                             javax.swing.GroupLayout.PREFERRED_SIZE,
00626                             javax.swing.GroupLayout.PREFERRED_SIZE,
00627                             Short.MAX_VALUE))
00628                 .addGroup(MainCoursePnlLayout.createSequentialGroup()
00629                     .addPreferredGap(
00630                         javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00631                     .addGroup(MainCoursePnlLayout.createParallelGroup(
00632                         javax.swing.GroupLayout.Alignment.LEADING,
00633                         false)
00634                         .addComponent(pizzaCountS,
00635                             javax.swing.GroupLayout.PREFERRED_SIZE,
00636                             javax.swing.GroupLayout.PREFERRED_SIZE,
00637                             Short.MAX_VALUE)
00638                         .addComponent(pizzaSpicy,
00639                             javax.swing.GroupLayout.PREFERRED_SIZE,
00640                             javax.swing.GroupLayout.PREFERRED_SIZE,
00641                             Short.MAX_VALUE))
00642                 .addGroup(MainCoursePnlLayout.createParallelGroup(
00643                         javax.swing.GroupLayout.Alignment.LEADING)
00644                     .addGroup(MainCoursePnlLayout.createSequentialGroup()
00645                         .addPreferredGap(
00646                             javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00647                         .addComponent(pizzaSpicy)
00648                         .addPreferredGap(
00649                             javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00650                             javax.swing.GroupLayout.DEFAULT_SIZE,
00651                             Short.MAX_VALUE)
00652                     )
00653                 )
00654             )
00655         )
00656     );

```

```

00659                                     .addGroup (
00660
00661     javax.swing.GroupLayout.Alignment.TRAILING,
00662     MainCoursePnlLayout
00663     .createSequentialGroup ()
00664     .addPreferredGap (
00665     javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00666     javax.swing.GroupLayout.DEFAULT_SIZE,
00667     Short.MAX_VALUE)
00668     .addGroup (
00669     MainCoursePnlLayout
00670     .createParallelGroup (
00671     javax.swing.GroupLayout.Alignment.LEADING)
00672     .addComponent (
00673     salmonRice)
00674     .addComponent (
00675     pastaChicken)
00676     .addComponent (
00677     spaghettiSpicy))
00678     .addGap (18, 18, 18))
00679                                     .addComponent (pizzaPriceLbl)
00680     .addGroup (MainCoursePnlLayout.createSequentialGroup ()
00681     .addGroup (MainCoursePnlLayout.createParallelGroup (
00682     javax.swing.GroupLayout.Alignment.TRAILING)
00683     .addComponent (spaghettiCountS,
00684     74,
00685     javax.swing.GroupLayout.PREFERRED_SIZE)
00686     .addComponent (salmonCountS,
00687     74,
00688     javax.swing.GroupLayout.PREFERRED_SIZE)
00689     .addComponent (pastaCountS,
00690     javax.swing.GroupLayout.PREFERRED_SIZE,
00691     javax.swing.GroupLayout.PREFERRED_SIZE,
00692     javax.swing.GroupLayout.PREFERRED_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             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00718                 .addComponent(pastaPriceLbl)
00719                 .addGap(13, 13, 13))
00720             .addGroup(MainCoursePnlLayout.createSequentialGroup()
00721                 .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00722                     Short.MAX_VALUE)
00723                 .addGroup(MainCoursePnlLayout
00724
00725         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00726             .addGroup(MainCoursePnlLayout.createSequentialGroup()
00727                 .addGap(5, 5, 5)
00728                 .addComponent(pizzaLbl))
00729             .addGroup(MainCoursePnlLayout
00730                 .createParallelGroup(
00731                     javax.swing.GroupLayout.Alignment.BASELINE)
00732                     .addComponent(pizzaSpicy)
00733                     .addComponent(pizzaCounts,
00734                         javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00735                         javax.swing.GroupLayout.PREFERRED_SIZE)))
00736             .addGroup(MainCoursePnlLayout
00737                 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00738                 .addGroup(MainCoursePnlLayout.createSequentialGroup()
00739                     .addGap(3, 3, 3)
00740                     .addGroup(MainCoursePnlLayout.createParallelGroup(
00741                         javax.swing.GroupLayout.Alignment.BASELINE)
00742                             .addComponent(pastaLbl)
00743                             .addComponent(pastaCounts,
00744                                 javax.swing.GroupLayout.PREFERRED_SIZE,
00745                                     30,
00746                                 javax.swing.GroupLayout.PREFERRED_SIZE)))
00747                 .addGroup(MainCoursePnlLayout.createSequentialGroup()
00748                     .addGroup(MainCoursePnlLayout
00749                         .createSequentialGroup()
00750                         .addPreferredGap(
00751                             javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00752                             .addComponent(pastaChicken)))
00753                 .addGroup(MainCoursePnlLayout
00754                     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00755                     .addGroup(MainCoursePnlLayout
00756                         .createSequentialGroup()
00757                             .addGap(1, 1, 1))
00758                     .addGroup(MainCoursePnlLayout
00759                         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00760                             .addComponent(salmonLbl)
00761                             .addComponent(salmonCounts,
00762                                 javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00763                                 javax.swing.GroupLayout.PREFERRED_SIZE))
00764                     .addGroup(MainCoursePnlLayout
00765                         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00766                             .addComponent(salmonPriceLbl)
00767                             .addComponent(salmonRice))
00768                     .addGroup(MainCoursePnlLayout
00769                         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00770                             .addComponent(spaghettiLbl)
00771                             .addGroup(MainCoursePnlLayout
00772                                 .createParallelGroup(

```



```

00870         goBackMenueBtn.setFont(new java.awt.Font("Yu Gothic UI", 1, 14)); // NOI18N
00871         goBackMenueBtn.setText("Go Back");
00872         goBackMenueBtn.addActionListener(new java.awt.event.ActionListener() {
00873             public void actionPerformed(java.awt.event.ActionEvent evt) {
00874                 goBackMenueBtnActionPerformed(evt);
00875             }
00876         });
00877     });
00878     jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); //
NOI18N
00879
00880     javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
00881     jPanel2.setLayout(jPanel2Layout);
00882     jPanel2Layout.setHorizontalGroup(
00883         jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00884             .addGroup(jPanel2Layout.createSequentialGroup()
00885                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00886                     .addGroup(jPanel2Layout.createSequentialGroup()
00887                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00888                             .add(jPanel2Layout.createSequentialGroup()
00889                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00890                                     .add(jPanel2Layout.createSequentialGroup()
00891                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00892                                             .add(jPanel2Layout.createSequentialGroup()
00893                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00894                                                     .add(jPanel2Layout.createSequentialGroup()
00895                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00896                                                             .add(jPanel2Layout.createSequentialGroup()
00897                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00898                                                                     .add(jPanel2Layout.createSequentialGroup()
00899                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00900                                                                             .add(jPanel2Layout.createSequentialGroup()
00901                                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00902                                                                                     .add(jPanel2Layout.createSequentialGroup()
00903                                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00904                                                                     .add(jPanel2Layout.createSequentialGroup()
00905                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00906                                                                             .add(jPanel2Layout.createSequentialGroup()
00907                                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00908                                                                                     .add(jPanel2Layout.createSequentialGroup()
00909                                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00910                                                                     .add(jPanel2Layout.createSequentialGroup()
00911                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00912                                                                             .add(jPanel2Layout.createSequentialGroup()
00913                                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00914                                                                                     .add(jPanel2Layout.createSequentialGroup()
00915                                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00916                                                                     .add(jPanel2Layout.createSequentialGroup()
00917                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00918                                                                             .add(jPanel2Layout.createSequentialGroup()
00919                                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00920                                                                                     .add(jPanel2Layout.createSequentialGroup()
00921                                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00922                                                                     .add(jPanel2Layout.createSequentialGroup()
00923                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00924                                                                             .add(jPanel2Layout.createSequentialGroup()
00925                                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00926                                                                                     .add(jPanel2Layout.createSequentialGroup()
00927                                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00928                                                                     .add(jPanel2Layout.createSequentialGroup()
00929                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00930                                                                             .add(jPanel2Layout.createSequentialGroup()
00931                                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00932                                                                                     .add(jPanel2Layout.createSequentialGroup()
00933                                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00934                                                                     .add(jPanel2Layout.createSequentialGroup()
00935                                                                         .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00936                                                                             .add(jPanel2Layout.createSequentialGroup()
00937                                                                                 .add(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

00938                                     .addGap(18, 18, 18)
00939                                     .addComponent(jLabel1,
javafx.swing.GroupLayout.PREFERRED_SIZE, 433,
                                     javafx.swing.GroupLayout.PREFERRED_SIZE)
00940                                     .addGap(0, 0, Short.MAX_VALUE))
00941                                     .addContainerGap())
00942                                     .addGroup(jPanel2Layout.createSequentialGroup())
00943                                     .addGap(40, 40, 40)
00944                                     .addComponent(DrinksPnl, javafx.swing.GroupLayout.PREFERRED_SIZE, 293,
00945                                     javafx.swing.GroupLayout.PREFERRED_SIZE)
00946                                     .addContainerGap(javafx.swing.GroupLayout.DEFAULT_SIZE,
00947 Short.MAX_VALUE));
00948     jPanel2Layout.setVerticalGroup(
00949     jPanel2Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
00950     .addGroup(jPanel2Layout.createSequentialGroup())
00951     .addContainerGap(16, Short.MAX_VALUE)
00952 .addGroup(jPanel2Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
00953     .addGroup(javafx.swing.GroupLayout.Alignment.TRAILING,
00954     jPanel2Layout.createSequentialGroup())
00955     .addComponent(jLabel2)
00956     .addGap(18, 18, 18))
00957     .addGroup(javafx.swing.GroupLayout.Alignment.TRAILING,
00958     jPanel2Layout.createSequentialGroup())
00959     .addComponent(jLabel1,
javafx.swing.GroupLayout.PREFERRED_SIZE,
60,
javafx.swing.GroupLayout.PREFERRED_SIZE)
00960     .addGap(59, 59, 59)))
00961     .addGroup(jPanel2Layout
00962     .createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING, false)
00963     .addComponent(AppetizerPnl,
javafx.swing.GroupLayout.DEFAULT_SIZE, 210,
Short.MAX_VALUE)
00964     .addComponent(MainCoursePnl,
javafx.swing.GroupLayout.DEFAULT_SIZE, 210,
Short.MAX_VALUE)
00965     .addComponent(DrinksPnl, javafx.swing.GroupLayout.DEFAULT_SIZE,
00966     210,
Short.MAX_VALUE))
00967     .addGap(18, 18, 18)
00968     .addGroup(jPanel2Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
00969     .addGroup(javafx.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout
00970     .createSequentialGroup())
00971     .addComponent(goBackMenuBtn,
javafx.swing.GroupLayout.PREFERRED_SIZE,
40, javafx.swing.GroupLayout.PREFERRED_SIZE)
00972     .addGap(14, 14, 14))
00973     .addGroup(javafx.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup())
00974     .addComponent(jPanel1,
javafx.swing.GroupLayout.PREFERRED_SIZE,
javafx.swing.GroupLayout.DEFAULT_SIZE,
javafx.swing.GroupLayout.PREFERRED_SIZE)
00975     .addGap(31, 31, 31))
00976     .addGroup(javafx.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout
00977     .createSequentialGroup())
00978     .addComponent(jPanel1,
javafx.swing.GroupLayout.PREFERRED_SIZE,
javafx.swing.GroupLayout.DEFAULT_SIZE,
javafx.swing.GroupLayout.PREFERRED_SIZE)
00979     .addGap(31, 31, 31))
00980     .addGroup(javafx.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout
00981     .createSequentialGroup())
00982     .addComponent(payBtn,
javafx.swing.GroupLayout.PREFERRED_SIZE,
70,
javafx.swing.GroupLayout.PREFERRED_SIZE)
00983     .addGroup(jPanel2Layout.createSequentialGroup())
00984     .addComponent(newReceiptBtn,
javafx.swing.GroupLayout.PREFERRED_SIZE, 30,
javafx.swing.GroupLayout.PREFERRED_SIZE)
00985     .addPreferredGap(
javafx.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00986     .addComponent(saveReceiptBtn,
javafx.swing.GroupLayout.PREFERRED_SIZE, 29,
javafx.swing.GroupLayout.PREFERRED_SIZE))
00987     .addGap(50, 50, 50)))));
00988     javafx.swing.GroupLayout layout = new javafx.swing.GroupLayout(getContentPane());
00989
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                     .addContainerGap())
01012                 .addContainerGap());
01013         pack();
01014         setLocationRelativeTo(null);
01015     } // </editor-fold> // GEN-END: initComponents

```

References [AppetizerPnl](#), [colaCountS](#), [colaLbl](#), [colaPriceLbl](#), [DrinksPnl](#), [friesCountS](#), [friesLbl](#), [friesPriceLbl](#), [goBackMenuBtn](#), [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

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

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

```

01101                                     { //
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

```

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

8.8.3.6 main()

```

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

```

Parameters

<i>args</i>	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             }
01349             // </editor-fold>
01350         }
01351         /* Create and display the form */
01352         java.awt.EventQueue.invokeLater(new Runnable() {
01353             public void run() {
01354                 new Frame1().setVisible(true);
01355             }
01356         });
01357     }

```

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() Generated by Doxygen

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

Parameters

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

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

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

```

01212                                     { //
    GEN-FIRST:event_payBtnActionPerformed
01213
01214         subTotal = cola_Price + up_Price + mojito_Price + orange_Price + molten_Price + mac_Price +
    fries_Price
01215         + shrimp_Price + pizza_Price + pasta_Price + salmon_Price + spaghetti_Price;
01216
01217         subTotalLbl.setText("SubTotal " + subTotal + " SR");
01218
01219         vat = subTotal * 0.15;
01220         vatLbl.setText("VAT included " + vat + " SR");
01221
01222         total = subTotal + vat;
01223         totalLbl.setText("Total " + total + " SR");
01224
01225         if (subTotal == 0) {
01226             JOptionPane.showMessageDialog(null, "Please select an item first!", null,
    JOptionPane.INFORMATION_MESSAGE);
01227         } else {
01228             JOptionPane.showMessageDialog(null, "Paid successfully");
01229         }
01230     } // 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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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

<i>evt</i>	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](#).

8.8.3.20 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

<i>evt</i>	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

<i>evt</i>	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  
01039    }// 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](#).

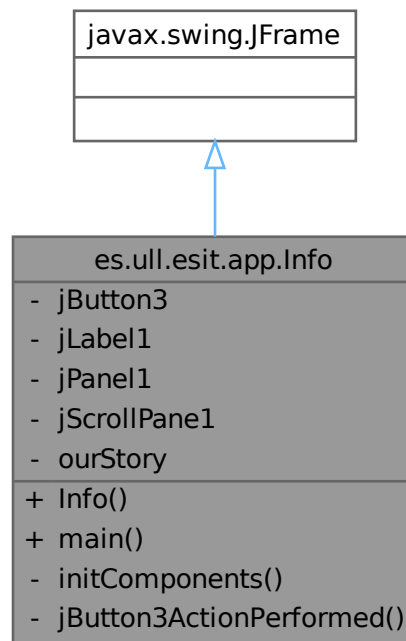
Referenced by [initComponents\(\)](#), [newReceiptBtnActionPerformed\(\)](#), and [payBtnActionPerformed\(\)](#).

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

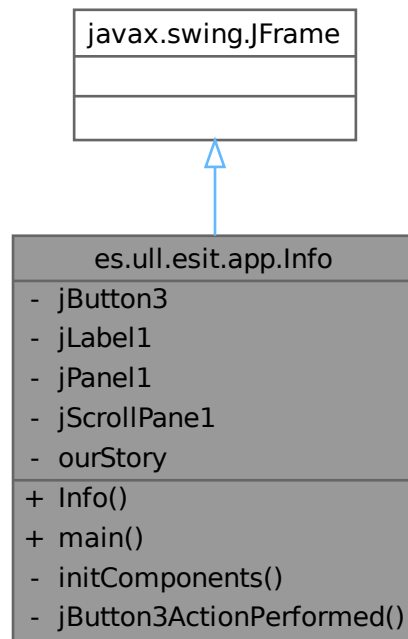
- [Frame1.java](#)

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](#).

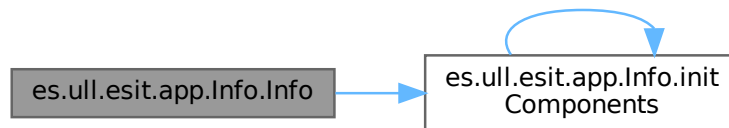
Definition at line 23 of file [Info.java](#).

```
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

<code>evt</code>	Evento de acción generado por el botón.
------------------	---

Returns

void

Definition at line 34 of file [Info.java](#).

```

00034                                     {
00035
00036         jPanel1 = 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         jPanel1.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\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 jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00078         jPanel1.setLayout(jPanel1Layout);
00079         jPanel1Layout.setHorizontalGroup(
00080             jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00081                 .addGroup(jPanel1Layout.createSequentialGroup()
00082                     .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00083                         .addGroup(jPanel1Layout.createSequentialGroup()
00084                             .addGap(55, 55, 55)
00085                             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00086                                 .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
javax.swing.GroupLayout.PREFERRED_SIZE)
00087                                 .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1004,
javax.swing.GroupLayout.PREFERRED_SIZE))
00088                             .addGroup(jPanel1Layout.createSequentialGroup()
00089                                 .addGap(489, 489, 489)
00090                                 .addComponent(jLabel1)))
00091                         .addContainerGap(159, Short.MAX_VALUE))
00092                     .addContainerGap())
00093             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00094                 .addGroup(jPanel1Layout.createSequentialGroup()
00095                     .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00096                         .addContainerGap(71, Short.MAX_VALUE)
00097                         .addComponent(jLabel1)
00098                         .addGap(67, 67, 67)
00099                         .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
javax.swing.GroupLayout.PREFERRED_SIZE)
00100                         .addGap(26, 26, 26)
00101                         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00102                         .addGap(30, 30, 30))

```

```

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,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00110         );
00111         layout.setVerticalGroup(
00112             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00113                 .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00114         );
00115
00116         pack();
00117         setLocationRelativeTo(null);
00118     } // </editor-fold> // GEN-END: initComponents

```

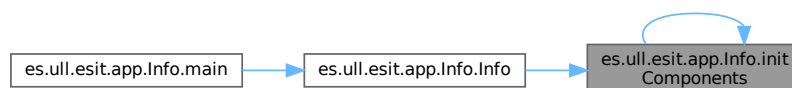
References [initComponents\(\)](#), [JButton3](#), [JLabel1](#), [JPanel1](#), [JScrollPane1](#), and [ourStory](#).

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
00122         new Cashier().setVisible(true);
00123     } // GEN-LAST:event_jButton3ActionPerformed

```

8.9.3.3 main()

```

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

```

Parameters

<i>args</i>	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             } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00151                 java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
00152                     ex);
00153             }
00154         } catch (Exception ex) {
00155             java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
00156                 ex);
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](#).

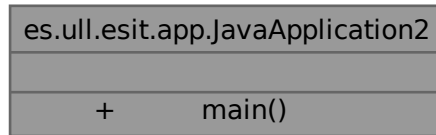
Referenced by [initComponents\(\)](#).

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](#).

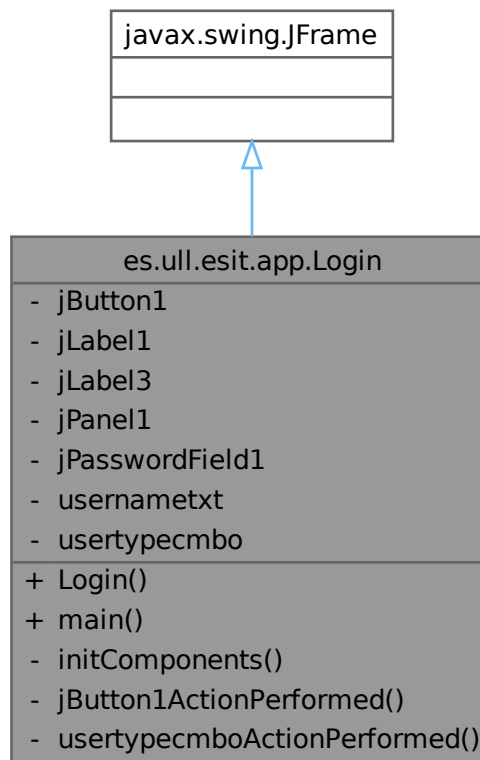
```
00021         {
00022             new Login().setVisible(true);
00023         }
```

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 [usertypecmboActionPerformed](#) (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 [username.txt](#)
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             initComponents();
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

<i>evt</i>	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         usertypecmbo = 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
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Username",
javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
Gothic UI", 0, 18))); // NOI18N
00071
00072         usertypecmbo.setEditable(true);
00073         usertypecmbo.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00074         usertypecmbo.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "admin", "cashier"
    }));
00075         usertypecmbo.addActionListener(new java.awt.event.ActionListener() {
00086             public void actionPerformed(java.awt.event.ActionEvent evt) {
00087                 usertypecmboActionPerformed(evt);
00088             }
00089         });
00090
00091         jButton1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00092         jButton1.setText("Log In");
00093         jButton1.addActionListener(new java.awt.event.ActionListener() {
00105             public void actionPerformed(java.awt.event.ActionEvent evt) {
00106                 jButton1ActionPerformed(evt);
00107             }
00108         });
00109
00110         jPasswordField1.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00111         jPasswordField1.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00112
00113         jPasswordField1.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)), "Password", javax.swing.border.TitledBorder.LEFT,
javax.swing.border.TitledBorder.TOP, new java.awt.Font("Lucida Grande", 0, 18))); // NOI18N
00114
00115         javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00116         jPanel1.setLayout(jPanel1Layout);
00117         jPanel1Layout.setHorizontalGroup(
00118             jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00119                 .addGroup(jPanel1Layout.createSequentialGroup()
00120                     .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00121                         .addGroup(jPanel1Layout.createSequentialGroup()
00122                             .addGap(132, 132, 132)
00123                             .addComponent(jLabel1))
00124                         .addGroup(jPanel1Layout.createSequentialGroup()
00125                             .addGap(61, 61, 61)
00126                             .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 309,
javax.swing.GroupLayout.PREFERRED_SIZE))
00127                     .addGroup(jPanel1Layout.createSequentialGroup()

```

```

00128     .addGroup(jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00129         .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE,
00130             311, javax.swing.GroupLayout.PREFERRED_SIZE)
00131         .addComponent(usernameetxt, javax.swing.GroupLayout.PREFERRED_SIZE, 311,
00132             javax.swing.GroupLayout.PREFERRED_SIZE)
00133         .addComponent(usertypecmbo, javax.swing.GroupLayout.PREFERRED_SIZE, 311,
00134             javax.swing.GroupLayout.PREFERRED_SIZE)))
00135     .addGroup(jPanellLayout.createSequentialGroup())
00136     .addGap(146, 146, 146)
00137     .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
00138         javax.swing.GroupLayout.PREFERRED_SIZE))
00139     .addContainerGap(86, Short.MAX_VALUE))
00140 );
00141 jPanellLayout.setVerticalGroup(
00142     jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00143     .addGroup(jPanellLayout.createSequentialGroup())
00144     .addGap(39, 39, 39)
00145     .addComponent(jLabel1)
00146     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00147     .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
00148         javax.swing.GroupLayout.PREFERRED_SIZE)
00149     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00150     .addComponent(usernameetxt, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00151         javax.swing.GroupLayout.PREFERRED_SIZE)
00152     .addGap(18, 18, 18)
00153     .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00154         javax.swing.GroupLayout.PREFERRED_SIZE)
00155     .addGap(18, 18, 18)
00156     .addComponent(usertypecmbo, javax.swing.GroupLayout.PREFERRED_SIZE, 46,
00157         javax.swing.GroupLayout.PREFERRED_SIZE)
00158     .addGap(18, 18, 18)
00159     .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
00160         javax.swing.GroupLayout.PREFERRED_SIZE)
00161     .addContainerGap(39, Short.MAX_VALUE))
00162 );
00163 javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00164 getContentPane().setLayout(layout);
00165 layout.setHorizontalGroup(
00166     layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00167     .addComponent(jPanell, javax.swing.GroupLayout.PREFERRED_SIZE,
00168         javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00169 );
00170 layout.setVerticalGroup(
00171     layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00172     .addComponent(jPanell, javax.swing.GroupLayout.DEFAULT_SIZE,
00173         javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00174 );
00175 pack();
00176 setLocationRelativeTo(null);
00177 }// </editor-fold>//GEN-END: initComponents

```

References [initComponents\(\)](#), [jButton1](#), [jLabel1](#), [jLabel3](#), [jPanel1](#), [jPasswordField1](#), [usernameetxt](#), and [usertypecmbo](#).

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

<i>evt</i>	Evento de acción asociado al botón.
------------	-------------------------------------

Returns

void

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

```
00181
00182  { //GEN-FIRST:event_jButton1ActionPerformed
00183      if (usernameetxt.getText().equalsIgnoreCase("admin") &&
00184          jPasswordField1.getText().equalsIgnoreCase("admin") &&
00185          usertypecmbo.getSelectedItem().toString().equalsIgnoreCase("admin")) {
00186          new AdminLogin().setVisible(true);
00187      }
00188      else if (usertypecmbo.getSelectedItem().toString().equalsIgnoreCase("cashier")) {
00189          new Cashier(usernameetxt.getText()).setVisible(true);
00190      }
00191  } //GEN-LAST:event_jButton1ActionPerformed
```

References [jPasswordField1](#), [usernameetxt](#), and [usertypecmbo](#).

8.11.3.3 main()

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

Parameters

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

Definition at line 209 of file [Login.java](#).

```

00209     {
00210         /* Set the Nimbus look and feel */
00211         //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00212         /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00213          * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00214          */
00215         try {
00216             for (javax.swing.UIManager.LookAndFeelInfo info :
00217                 javax.swing.UIManager.getInstalledLookAndFeels()) {
00218                 if ("Nimbus".equals(info.getName())) {
00219                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00220                     break;
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         } //</editor-fold>
00236         /* Create and display the form */
00237         java.awt.EventQueue.invokeLater(new Runnable() {
00238             public void run() {
00239                 new Login().setVisible(true);
00240             }
00241         });
00242     }

```

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

<code>evt</code>	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 usertypecmbo

```
javax.swing.JComboBox<String> es.ull.esit.app.Login.usertypecmbo [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.ull.esit.app.middleware.model.MainCourse Class Reference

[MainCourse](#) model class.

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

es.ull.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()`

```
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.](#)

```

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
00018  public class AdminLogin extends javax.swing.JFrame {
00019
00025      public AdminLogin() {
00026          initComponents();
00027      }
00028
00034      @SuppressWarnings("unchecked")
00035      // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents
00036      private void initComponents() {
00037
00038          jPanel1 = new javax.swing.JPanel();
00039          jLabel3 = new javax.swing.JLabel();
00040          jLabel1 = new javax.swing.JLabel();
00041          jButton2 = new javax.swing.JButton();
00042          jButton1 = new javax.swing.JButton();
00043          jButton3 = new javax.swing.JButton();
00044
00045          setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00046          setTitle("Admin ");
00047          setResizable(false);
00048
00049          jPanel1.setBackground(new java.awt.Color(248, 244, 230));
00050
00051          jLabel3.setFont(new java.awt.Font("Yu Gothic UI", 1, 24)); // NOI18N
00052          jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00053          jLabel3.setText("Welcome Admin");
00054
00055          // NOI18N
00056          jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); //
00057
00058          jButton2.setBackground(new java.awt.Color(153, 153, 153));
00059          jButton2.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00060          jButton2.setText("Update Prices");
00061          jButton2.addActionListener(new java.awt.event.ActionListener() {
00062              public void actionPerformed(java.awt.event.ActionEvent evt) {
00063                  jButton2ActionPerformed(evt);
00064              }
00065          });
00066
00067          jButton1.setBackground(new java.awt.Color(153, 153, 153));
00068          jButton1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00069          jButton1.setText("Menu");
00070          jButton1.addActionListener(new java.awt.event.ActionListener() {
00071              public void actionPerformed(java.awt.event.ActionEvent evt) {
00072                  jButton1ActionPerformed(evt);
00073              }
00074          });
00075
00076          jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00077          jButton3.setText("LogOut");
00078          jButton3.addActionListener(new java.awt.event.ActionListener() {
00079              public void actionPerformed(java.awt.event.ActionEvent evt) {
00080                  jButton3ActionPerformed(evt);
00081              }
00082          });
00083
00084          javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00085          jPanel1.setLayout(jPanel1Layout);
00086          jPanel1Layout.setHorizontalGroup(
00087              jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00088                  .addGroup(jPanel1Layout.createSequentialGroup()
00089                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00090                          .addGroup(jPanel1Layout.createSequentialGroup()
00091                              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00092                                  .add(jPanel1Layout.createSequentialGroup()
00093                                      .add(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00094                                          .add(jPanel1Layout.createSequentialGroup()
00095                                              .addGap(140, 140, 140)
00096                                              .addComponent(jLabel1))
00097                                          .add(jPanel1Layout.createSequentialGroup()
00098                                              .addGap(66, 66, 66)
00099                                              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00100                                                  .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
00101                                                      javax.swing.GroupLayout.PREFERRED_SIZE)
00102                                                  .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
00103                                                      javax.swing.GroupLayout.PREFERRED_SIZE)
00104                                                  .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 306,
00105                                                      javax.swing.GroupLayout.PREFERRED_SIZE)))
00106                          .add(jPanel1Layout.createSequentialGroup()
00107                              .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 320,
00108                                                      javax.swing.GroupLayout.PREFERRED_SIZE)))
00109                      .addContainerGap(140, true))
00110
00111
00112

```

```
00113         .addGroup(jPanellLayout.createSequentialGroup())
00114             .addGap(152, 152, 152)
00115             .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(69, Short.MAX_VALUE))
    );
    jPanellLayout.setVerticalGroup(
        jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanellLayout.createSequentialGroup()
                .addGap(31, 31, 31)
                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jLabel1)
                .addGap(29, 29, 29)
                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(29, 29, 29)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(115, Short.MAX_VALUE))
            );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    pack();
    setLocationRelativeTo(null);
    // </editor-fold> //GEN-END:initComponents
00156     private void jButton2ActionPerformed(java.awt.event.ActionEvent evt)
//GEN-FIRST:event_jButton2ActionPerformed
00157     {
00158         new adminProducts().setVisible(true);
00159     } //GEN-LAST:event_jButton2ActionPerformed
00168     private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
//GEN-FIRST:event_jButton1ActionPerformed
00169     {
00170         new Frame1().setVisible(true);
00171     } //GEN-LAST:event_jButton1ActionPerformed
00180     private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
//GEN-FIRST:event_jButton3ActionPerformed
00181     {
00182         new Login().setVisible(true);
00183     } //GEN-LAST:event_jButton3ActionPerformed
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 :
javax.swing.UIManager.getInstalledLookAndFeels()) {
00198                 if ("Nimbus".equals(info.getName())) {
00199                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00200                     break;
00201                 }
00202             }
00203         } catch (ClassNotFoundException ex) {
00204             java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
00205         } catch (InstantiationException ex) {
00206             java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
00207         } catch (IllegalAccessException ex) {
00208             java.util.logging.Logger.getLogger(AdminLogin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
```

```

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             /* Create and display the form */
00214             java.awt.EventQueue.invokeLater(new Runnable() {
00215                 public void run() {
00216                     new AdminLogin().setVisible(true);
00217                 }
00218             });
00219         }
00220     }
00221
00222     // Variables declaration - do not modify//GEN-BEGIN:variables
00224     private javax.swing.JButton jButton1;
00226     private javax.swing.JButton jButton2;
00228     private javax.swing.JButton jButton3;
00230     private javax.swing.JLabel jLabel1;
00232     private javax.swing.JLabel jLabel3;
00234     private javax.swing.JPanel jPanel1;
00235     // End of variables declaration//GEN-END:variables
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;
00010  import es.ull.esit.app.middleware.model.Drink;
00011  import es.ull.esit.app.middleware.model.MainCourse;
00012  import java.util.List;
00013  import javax.swing.JOptionPane;
00014  import javax.swing.table.DefaultTableModel;
00015
00023  public class adminProducts extends javax.swing.JFrame {
00025      private ApiClient apiClient;
00027      DefaultTableModel modelDrink;
00028      DefaultTableModel modelAppetizers;
00029      DefaultTableModel modelMainCourse;
00031      String[] columnNames = {"ID", "Item Name", "Item Price"};
00033      Long selectedDrinkID;
00034      Long selectedAppetizerID;
00035      Long selectedMainCourseID;
00036
00040      public adminProducts() {
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      }
00055
00061      void loadDrinks() {
00062          try {
00063              List<Drink> drinks = apiClient.getAllDrinks();
00064              for (Drink drink : drinks) {
00065                  modelDrink.addRow(new Object[]{
00066                      drink.getDrinksId(),
00067                      drink.getItemDrinks(),
00068                      drink.getDrinksPrice()
00069                  });
00070              }
00071              jTable1.setModel(modelDrink);
00072          } catch (Exception ex) {
00073              JOptionPane.showMessageDialog(null, "Error loading drinks: " + ex.getMessage());
00074          }
00075      }
00076
00080      void loadAppetizer() {
00081          try {
00082              List<Appetizer> appetizers = apiClient.getAllAppetizers();
00083              for (Appetizer appetizer : appetizers) {
00084                  modelAppetizers.addRow(new Object[]{
00085                      appetizer.getAppetizersId(),
00086                      appetizer.getItemAppetizers(),
00087                      appetizer.getAppetizersPrice()
00088                  });
00089              }
00090              jTable2.setModel(modelAppetizers);
00091          } catch (Exception ex) {
00092              JOptionPane.showMessageDialog(null, "Error loading appetizers: " + ex.getMessage());
00093          }
00094      }
00095
00099      void loadMainCourse() {
00100          try {
00101              List<MainCourse> mainCourses = apiClient.getAllMainCourses();
00102              for (MainCourse mainCourse : mainCourses) {
00103                  modelMainCourse.addRow(new Object[]{
00104                      mainCourse.getFoodId(),
00105                      mainCourse.getItemFood(),
00106                      mainCourse.getFoodPrice()
00107                  });
00108              }
00109          }
00110      }
00111  }

```

```

00108         }
00109         jTable3.setModel(modelmaincourse);
00110     } catch (Exception ex) {
00111         JOptionPane.showMessageDialog(null, "Error loading main courses: " + ex.getMessage());
00112     }
00113 }
00114
00123 private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
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 }
00138
00144 @SuppressWarnings("unchecked")
00145 // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents
00146 private void initComponents() {
00147
00148     jPanel1 = new javax.swing.JPanel();
00149     jLabel1 = new javax.swing.JLabel();
00150     jTabbedPane1 = new javax.swing.JTabbedPane();
00151     jPanel2 = 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     jButton1 = new javax.swing.JButton();
00157     jButton2 = new javax.swing.JButton();
00158     jLabel2 = new javax.swing.JLabel();
00159     jLabel3 = new javax.swing.JLabel();
00160     jLabel4 = new javax.swing.JLabel();
00161     jPanel3 = new javax.swing.JPanel();
00162     jLabel5 = new javax.swing.JLabel();
00163     jLabel6 = new javax.swing.JLabel();
00164     jLabel7 = 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     jPanel4 = new javax.swing.JPanel();
00172     jLabel8 = new javax.swing.JLabel();
00173     jLabel9 = 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
00183     setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00184     setTitle("Admin");
00185     setResizable(false);
00186
00187     jPanel1.setBackground(new java.awt.Color(248, 244, 230));
00188
00189     jLabel1.setBackground(new java.awt.Color(255, 153, 0));
00190     jLabel1.setFont(new java.awt.Font("Yu Gothic UI", 1, 36)); // NOI18N
00191     jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00192     jLabel1.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     jPanel2.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
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",
javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
Gothic UI", 0, 18))); // NOI18N

```

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```

00315         .addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
00316         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00317
00318     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00319         .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
javax.swing.GroupLayout.PREFERRED_SIZE)
00320         .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
javax.swing.GroupLayout.PREFERRED_SIZE))
00321         .addGap(115, 115, 115))
00322     .addGroup(jPanel2Layout.createSequentialGroup()
00323         .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 1111,
javax.swing.GroupLayout.PREFERRED_SIZE)
00324         .addGap(18, 18, 18)))
00325 );
00326 jPanel2Layout.setVerticalGroup(
00327     jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00328     .addGroup(jPanel2Layout.createSequentialGroup()
00329         .addContainerGap()
00330         .addComponent(jLabel12)
00331         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
Short.MAX_VALUE)
00332         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00333             .addComponent(jLabel13)
00334             .addComponent(jLabel14))
00335             .addGap(18, 18, 18)
00336             .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00337                 .addGroup(jPanel2Layout.createSequentialGroup()
00338                     .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00339                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00340                     .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00341                     .addGap(37, 37, 37)
00342                     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00343                         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
00344                         .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
00345                         .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
javax.swing.GroupLayout.PREFERRED_SIZE)
00346                         .addGap(48, 48, 48))
00347                 .addGap(18, 18, 18))
00348     );
00349 jPanel2Layout.addTab("Drinks", jPanel2);
00350 jPanel3.setBackground(new java.awt.Color(248, 244, 230));
00351
00352 jLabel15.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00353 jLabel15.setText("Enter new appetizer information carefully to add.");
00354
00355 jLabel16.setBackground(new java.awt.Color(255, 153, 0));
00356 jLabel16.setFont(new java.awt.Font("Yu Gothic UI", 1, 25)); // NOI18N
00357 jLabel16.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00358 jLabel16.setText("Available Appetizer");
00359
00360 jLabel17.setFont(new java.awt.Font("Yu Gothic UI", 0, 14)); // NOI18N
00361 jLabel17.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
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Name",
javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu

```



```

        Gothic UI", 0, 18))); // NOI18N
00394
00395         itempricel.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00396         itempricel.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00397         itempricel.setBorder(javax.swing.BorderFactory.createTitledBorder(new
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Item Price",
javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
Gothic UI", 0, 18))); // NOI18N
00398
00399         jButton4.setBackground(new java.awt.Color(0, 51, 204));
00400         jButton4.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00401         jButton4.setText("Update");
00402         jButton4.addActionListener(new java.awt.event.ActionListener() {
00411             public void actionPerformed(java.awt.event.ActionEvent evt) {
00412                 jButton4ActionPerformed(evt);
00413             }
00414         });
00415
00416         jButton5.setBackground(new java.awt.Color(0, 153, 0));
00417         jButton5.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00418         jButton5.setText("Add");
00419         jButton5.addActionListener(new java.awt.event.ActionListener() {
00428             public void actionPerformed(java.awt.event.ActionEvent evt) {
00429                 jButton5ActionPerformed(evt);
00430             }
00431         });
00432
00433         javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
00434         jPanel3.setLayout(jPanel3Layout);
00435         jPanel3Layout.setHorizontalGroup(
00436             jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00437                 .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()
00438                     .addGap(0, 27, Short.MAX_VALUE)
00439                     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00440                         .addGroup(jPanel3Layout.createSequentialGroup()
00441                             .addGap(24, 24, 24)
00442                             .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
00443                                 .addGroup(jPanel3Layout.createSequentialGroup()
00444                                     .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 91,
javax.swing.GroupLayout.PREFERRED_SIZE)
00445                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00446                                     .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 103,
javax.swing.GroupLayout.PREFERRED_SIZE)
00447                                     .addGap(8, 8, 8))
00448                                 .addComponent(itempricel)
00449                                 .addComponent(itemnamel)
00450                                 .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
00451                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00452                             .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00453                                 .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
javax.swing.GroupLayout.PREFERRED_SIZE)
00454                                 .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
javax.swing.GroupLayout.PREFERRED_SIZE))
00455                             .addGap(115, 115, 115))
00456                         .addGroup(jPanel3Layout.createSequentialGroup()
00457                             .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 1111,
javax.swing.GroupLayout.PREFERRED_SIZE)
00458                             .addGap(18, 18, 18)))
00459                 );
00460         jPanel3Layout.setVerticalGroup(
00461             jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00462                 .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()
00463                     .addContainerGap()
00464                     .addComponent(jLabel6)
00465                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
Short.MAX_VALUE)
00466                     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00467                         .addComponent(jLabel5)
00468                         .addComponent(jLabel7))
00469                     .addGap(18, 18, 18)
00470                     .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00471                         .addGroup(jPanel3Layout.createSequentialGroup()
00472                             .addComponent(itemnamel, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00473                             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00474                             .addComponent(itempricel, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00475                             .addGap(37, 37, 37)

```



```

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                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
00595                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00596
00597                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00598                    .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
00599                        javax.swing.GroupLayout.PREFERRED_SIZE)
00600                    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 408,
00601                        javax.swing.GroupLayout.PREFERRED_SIZE))
00602                .addGap(115, 115, 115))
00603                .addGroup(jPanel4Layout.createSequentialGroup()
00604                    .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 1111,
00605                        javax.swing.GroupLayout.PREFERRED_SIZE)
00606                    .addGap(18, 18, 18)))
00607            );
00608            jPanel4Layout.setVerticalGroup(
00609                jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00610                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
00611                    jPanel4Layout.createSequentialGroup()
00612                        .addContainerGap()
00613                        .addComponent(jLabel9)
00614                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
00615                            Short.MAX_VALUE)
00616                    )
00617                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00618                    .addComponent(jLabel8)
00619                    .addComponent(jLabel10))
00620                .addGap(18, 18, 18)
00621                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00622                    .addGroup(jPanel4Layout.createSequentialGroup()
00623                        .addComponent(itemname2, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00624                            javax.swing.GroupLayout.PREFERRED_SIZE)
00625                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00626                        .addComponent(itemprice2, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
00627                            javax.swing.GroupLayout.PREFERRED_SIZE)
00628                        .addGap(37, 37, 37)
00629                    )
00630                    .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00631                        .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00632                            javax.swing.GroupLayout.PREFERRED_SIZE)
00633                        .addComponent(jButton7, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
00634                            javax.swing.GroupLayout.PREFERRED_SIZE))
00635                    .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
00636                        javax.swing.GroupLayout.PREFERRED_SIZE))
00637                .addGap(48, 48, 48)
00638            );
00639            jTabbedPane1.addTab("MainCourse", jPanel4);
00640
00641            jButton3.setBackground(new java.awt.Color(255, 255, 255));
00642            jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00643            jButton3.setText("Go Back");
00644            jButton3.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));
00645            jButton3.addActionListener(new java.awt.event.ActionListener() {
00646                public void actionPerformed(java.awt.event.ActionEvent evt) {
00647                    jButton3ActionPerformed(evt);
00648                }
00649            });
00650
00651            javax.swing.GroupLayout jPanel11Layout = new javax.swing.GroupLayout(jPanel11);
00652            jPanel11.setLayout(jPanel11Layout);
00653            jPanel11Layout.setHorizontalGroup(
00654                jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00655                    .addGroup(jPanel11Layout.createSequentialGroup()
00656                        .addGap(25, 25, 25)
00657                        .addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00658                            .addGroup(jPanel11Layout.createSequentialGroup()
00659                                .addGroup(jPanel11Layout.createSequentialGroup()
00660                                    .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
00661                                        javax.swing.GroupLayout.PREFERRED_SIZE)
00662                                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00663                                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00664                                    .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 689,

```



```

00766     private void jTable1MouseClicked(java.awt.event.MouseEvent evt)
00767     {
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     }
00780
00781     private void jTable2MouseClicked(java.awt.event.MouseEvent evt)
00782     {
00783         String selectedIDKey = jTable2.getValueAt(jTable2.getSelectedRow(), 0).toString();
00784         selectedAppetizerID = Long.valueOf(selectedIDKey);
00785         System.out.println("You select id " + selectedAppetizerID + " of appetizers to update.");
00786
00787         try {
00788             Appetizer appetizer = apiClient.getAppetizerById(selectedAppetizerID);
00789             itemname1.setText(appetizer.getItemAppetizers());
00790             itemprice1.setText(String.valueOf(appetizer.getAppetizersPrice()));
00791         } catch (Exception ex) {
00792             JOptionPane.showMessageDialog(null, "Error loading appetizer: " + ex.getMessage());
00793         }
00794     }
00795
00796     private void jTable3MouseClicked(java.awt.event.MouseEvent evt)
00797     {
00798         String selectedIDKey = jTable3.getValueAt(jTable3.getSelectedRow(), 0).toString();
00799         selectedMainCourseID = Long.valueOf(selectedIDKey);
00800         System.out.println("You select id " + selectedMainCourseID + " of maincourse to update.");
00801
00802         try {
00803             MainCourse mainCourse = apiClient.getMainCourseById(selectedMainCourseID);
00804             itemname2.setText(mainCourse.getItemFood());
00805             itemprice2.setText(String.valueOf(mainCourse.getFoodPrice()));
00806         } catch (Exception ex) {
00807             JOptionPane.showMessageDialog(null, "Error loading main course: " + ex.getMessage());
00808         }
00809     }
00810
00811     private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
00812     {
00813         Drink updatedDrink = new Drink(selectedDrinkID, itemname.getText(),
00814             Integer.parseInt(itemprice.getText()), null);
00815         apiClient.updateDrink(selectedDrinkID, updatedDrink);
00816         JOptionPane.showMessageDialog(null, "Drink updated successfully.");
00817
00818         // Refresh table
00819         DefaultTableModel dtm = (DefaultTableModel) jTable1.getModel();
00820         dtm.setRowCount(0);
00821         loadDrinks();
00822     } catch (Exception ex) {
00823         JOptionPane.showMessageDialog(null, "Error updating drink: " + ex.getMessage());
00824     }
00825     }
00826
00827     private void jButton4ActionPerformed(java.awt.event.ActionEvent evt)
00828     {
00829         Appetizer updatedAppetizer = new Appetizer(selectedAppetizerID, itemname1.getText(),
00830             Integer.parseInt(itemprice1.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     }
00842
00843     private void jButton6ActionPerformed(java.awt.event.ActionEvent evt)
00844     {
00845         MainCourse updatedMainCourse = new MainCourse(selectedMainCourseID, itemname2.getText(),
00846             Integer.parseInt(itemprice2.getText()), null);
00847         apiClient.updateMainCourse(selectedMainCourseID, updatedMainCourse);
00848         JOptionPane.showMessageDialog(null, "Main course updated successfully.");
00849     }
00850     }

```

```

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             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         } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00924             java.util.logging.Logger.getLogger(adminProducts.class.getName()).log(java.util.logging.Level.SEVERE,
00925                 null, ex);
00926         }
00927     } //</editor-fold>
00928
00929     /* Create and display the form */
00930     java.awt.EventQueue.invokeLater(new Runnable() {
00931         public void run() {
00932             new adminProducts().setVisible(true);
00933         }
00934     });
00935
00936     // Variables declaration - do not modify//GEN-BEGIN:variables
00937     private javax.swing.JTextField itemname;
00938     private javax.swing.JTextField itemname1;
00939     private javax.swing.JTextField itemname2;
00940     private javax.swing.JTextField itemprice;
00941     private javax.swing.JTextField itemprice1;
00942     private javax.swing.JTextField itemprice2;
00943     private javax.swing.JButton jButton1;
00944     private javax.swing.JButton jButton2;
00945     private javax.swing.JButton jButton3;
00946     private javax.swing.JButton jButton4;
00947     private javax.swing.JButton jButton5;
00948     private javax.swing.JButton jButton6;
00949     private javax.swing.JButton jButton7;
00950     private javax.swing.JLabel jLabel1;
00951     private javax.swing.JLabel jLabel10;
00952     private javax.swing.JLabel jLabel11;
00953     private javax.swing.JLabel jLabel12;
00954     private javax.swing.JLabel jLabel13;
00955     private javax.swing.JLabel jLabel14;
00956     private javax.swing.JLabel jLabel15;
00957     private javax.swing.JLabel jLabel16;
00958     private javax.swing.JLabel jLabel17;
00959     private javax.swing.JLabel jLabel18;
00960     private javax.swing.JLabel jLabel19;
00961     private javax.swing.JPanel jPanel1;
00962     private javax.swing.JPanel jPanel2;
00963     private javax.swing.JPanel jPanel3;
00964     private javax.swing.JPanel jPanel4;
00965     private javax.swing.JScrollPane jScrollPane1;
00966     private javax.swing.JScrollPane jScrollPane2;
00967     private javax.swing.JScrollPane jScrollPane3;
00968     private javax.swing.JTabbedPane jTabbedPane1;
00969     private javax.swing.JTable jTable1;
00970     private javax.swing.JTable jTable2;
00971     private javax.swing.JTable jTable3;
00972 } // End of variables declaration//GEN-END:variables

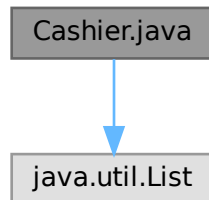
```

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
00020  public class Cashier extends javax.swing.JFrame {
00021
00023      private es.ull.esit.app.middleware.ApiClient api;
00024
00028      public Cashier() {
00029          this(new es.ull.esit.app.middleware.ApiClient("http://localhost:8080"));
00030      }
00038      public Cashier(String name) {
00039          this(new es.ull.esit.app.middleware.ApiClient("http://localhost:8080"), name);
00040      }
00041
00045      public Cashier(es.ull.esit.app.middleware.ApiClient apiClient, String... optionalName) {
00046          initComponents();
00047          this.api = apiClient == null ? new
es.ull.esit.app.middleware.ApiClient("http://localhost:8080") : apiClient;
00048          String name = (optionalName != null && optionalName.length>0) ? optionalName[0] : null;
00049          if (name == null || name.isEmpty()) {
00050              welcomeTxt.setText("Welcome Cashier,");
00051          } else {
00052              welcomeTxt.setText("Welcome " + name);
00053          }
00054      }
00055
00061      @SuppressWarnings("unchecked")
00062      // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN: initComponents
00063      private void initComponents() {
00064
00065          jPanel1 = new javax.swing.JPanel();
00066          welcomeTxt = new javax.swing.JLabel();
00067          jButton1 = new javax.swing.JButton();
00068          jButton2 = new javax.swing.JButton();
00069          jLabel1 = 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          jPanel1.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() {
00094              public void actionPerformed(java.awt.event.ActionEvent evt) {
00095                  jButton1ActionPerformed(evt);
00096              }
00097          });
00098
00099          jButton2.setBackground(new java.awt.Color(153, 153, 153));
00100          jButton2.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00101          jButton2.setText("Menu");
00102          jButton2.addActionListener(new java.awt.event.ActionListener() {
00111              public void actionPerformed(java.awt.event.ActionEvent evt) {
00112                  jButton2ActionPerformed(evt);
00113              }
00114          });
00115
00116          jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); //
NOI18N
00117
00118          jButton3.setBackground(new java.awt.Color(255, 255, 255));
00119          jButton3.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00120          jButton3.setText("LogOut");
00121          jButton3.addActionListener(new java.awt.event.ActionListener() {
00131              public void actionPerformed(java.awt.event.ActionEvent evt) {
00132                  jButton3ActionPerformed(evt);
00133              }
00134          });

```


[illegible]

```

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.ull.esit.app.middleware.model.Appetizer> appetizers = api.getAllAppetizers();
00224             List<es.ull.esit.app.middleware.model.Drink> drinks = api.getAllDrinks();
00225             List<es.ull.esit.app.middleware.model.MainCourse> mainCourses =
00226                 api.getAllMainCourses();
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     }).start();
00237 } //GEN-LAST:event_jButton2ActionPerformed
00238
00239 private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
00240 { //GEN-FIRST:event_jButton3ActionPerformed
00241     // Opcional: notificar al middleware del logout
00242     new Thread(() -> {
00243         try {
00244             api.login(""); // simple ping/logout placeholder
00245         } catch (Exception ex) {
00246             // ignora
00247         }
00248         javax.swing.SwingUtilities.invokeLater(() -> {
00249             new Login().setVisible(true);
00250             dispose();
00251         });
00252     }).start();
00253 } //GEN-LAST:event_jButton3ActionPerformed
00254
00255 public static void main(String args[]) {
00256     /* Set the Nimbus look and feel */
00257     //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00258     /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00259        * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00260        */
00261     try {
00262         for (javax.swing.UIManager.LookAndFeelInfo info :
00263             javax.swing.UIManager.getInstalledLookAndFeels()) {
00264             if ("Nimbus".equals(info.getName())) {
00265                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
00266                 break;
00267             }
00268         }
00269     } catch (ClassNotFoundException ex) {
00270
00271         java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00272             ex);
00273     } catch (InstantiationException ex) {
00274
00275         java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00276             ex);
00277     } catch (IllegalAccessException ex) {
00278
00279         java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00280             ex);
00281     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00282
00283         java.util.logging.Logger.getLogger(Cashier.class.getName()).log(java.util.logging.Level.SEVERE, null,
00284             ex);
00285     }
00286     //</editor-fold>
00287     /* Create and display the form */
00288     java.awt.EventQueue.invokeLater(new Runnable() {
00289         public void run() {
00290             new Cashier().setVisible(true);
00291         }
00292     });

```

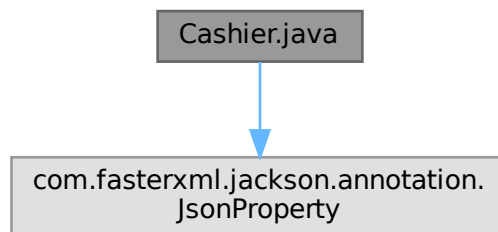
```

00293     }
00294
00295     // Variables declaration - do not modify//GEN-BEGIN:variables
00297     private javax.swing.JButton jButton1;
00299     private javax.swing.JButton jButton2;
00301     private javax.swing.JButton jButton3;
00303     private javax.swing.JLabel jLabel1;
00305     private javax.swing.JPanel jPanel1;
00307     private javax.swing.JLabel welcomeTxt;
00308     // End of variables declaration//GEN-END:variables
00309 }

```

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
00008 public class Cashier {
00009     @JsonProperty("id")
00010     private Long id;
00011
00012     @JsonProperty("name")
00013     private String name;
00014
00015     @JsonProperty("salary")
00016     private Integer salary;

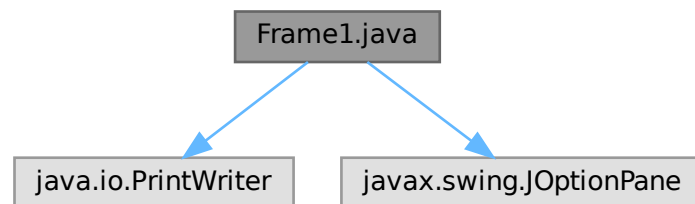
```

```
00017
00018     public Cashier() {}
00019
00026     public Cashier(Long id, String name, Integer salary) {
00027         this.id = id;
00028         this.name = name;
00029         this.salary = salary;
00030     }
00035     public Long getId() { return id; }
00036
00041     public void setId(Long id) { this.id = id; }
00042
00047     public String getName() { return name; }
00048
00053     public void setName(String name) { this.name = name; }
00054
00059     public Integer getSalary() { return salary; }
00060
00065     public void setSalary(Integer salary) { this.salary = salary; }
00066 }
```

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

[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.io.PrintWriter;
00009  import javax.swing.JOptionPane;
00010
00019  public class Frame1 extends javax.swing.JFrame {
00021      int colaNum, upNum, orangeNum, mojitoNum, friesNum, moltenNum, macNum, shrimpNum, pizzaNum,
00022      pastaNum, salmonNum,
00023          spaghettiNum;
00024      double cola_Price, up_Price, mojito_Price, orange_Price, molten_Price, mac_Price, fries_Price,
00025      shrimp_Price,
00026      pizza_Price, pasta_Price, salmon_Price, spaghetti_Price;
00027      final double colaCost = 6.0, upCost = 6.0, mojitoCost = 14.0, orangeCost = 10.0, moltenCost =
00028      28.0, macCost = 39.0,
00029      friesCost = 32.0, shrimpCost = 42.0, pizzaCost = 60.0, pastaCost = 52.0, salmonCost =
00030      71.0,
00031      spaghettiCost = 55.0;
00032      double subTotal, vat, total;
00033      int receiptNo;
00034      PrintWriter output;
00035
00036
00040      public Frame1() {
00041          initComponents();
00042      }
00043
00048      void loadPrice() {
00049
00050      }
00051
00057      @SuppressWarnings("unchecked")
00058      // <editor-fold defaultstate="collapsed" desc="Generated
00059      // Code">
00060      private void initComponents() {
00061
00062          jPanel2 = 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     jPanel1 = 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     goBackMenuBtn = 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     jPanel2.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
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             colaCountSStateChanged(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             mojitoCountSStateChanged(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             orangeCountSStateChanged(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 DrinksPnlLayout = new javax.swing.GroupLayout(DrinksPnl);
00189     DrinksPnl.setLayout(DrinksPnlLayout);
00190     DrinksPnlLayout.setHorizontalGroup(
00191         DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

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,
00220                 javax.swing.GroupLayout.PREFERRED_SIZE,
00221                 javax.swing.GroupLayout.PREFERRED_SIZE,
00222                 javax.swing.GroupLayout.PREFERRED_SIZE)
00223             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00224                 .addComponent(colapricelbl))
00225         .addGroup(DrinksPnlLayout.createSequentialGroup()
00226             .addGap(15, 15, 15)
00227             .addComponent(uplbl,
00228                 javax.swing.GroupLayout.PREFERRED_SIZE,
00229                 javax.swing.GroupLayout.PREFERRED_SIZE,
00230                 javax.swing.GroupLayout.PREFERRED_SIZE,
00231                 javax.swing.GroupLayout.PREFERRED_SIZE)
00232             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00233                 .addComponent(uppricelbl))
00234         .addGroup(DrinksPnlLayout.createSequentialGroup()
00235             .addGap(5, 5, 5)
00236             .addComponent(orangelbl)
00237             .addGap(12, 12, 12)
00238             .addComponent(orangeCountS,
00239                 javax.swing.GroupLayout.PREFERRED_SIZE,
00240                 javax.swing.GroupLayout.PREFERRED_SIZE,
00241                 javax.swing.GroupLayout.PREFERRED_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,
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     DrinksPnlLayout.setVerticalGroup(
00255         DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00256         .addGroup(DrinksPnlLayout.createSequentialGroup()
00257             .addGap(8, 8, 8)
00258             .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00259                 .addComponent(colalbl)
00260                 .addGroup(DrinksPnlLayout
00261                     .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00262                     .addComponent(colapricelbl)
00263                     .addComponent(colacounts,
00264                         javax.swing.GroupLayout.PREFERRED_SIZE,
00265                         javax.swing.GroupLayout.PREFERRED_SIZE,
00266                         javax.swing.GroupLayout.PREFERRED_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.PREFERRED_SIZE,
00277                             javax.swing.GroupLayout.PREFERRED_SIZE,
00278                             javax.swing.GroupLayout.PREFERRED_SIZE))
00279                     .addGap(13, 13, 13)
00280                     .addGroup(DrinksPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00281                         .addComponent(orangelbl)
00282                         .addGroup(DrinksPnlLayout

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```

        .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00281         .addComponent(orangeCountS,
javax.swing.GroupLayout.PREFERRED_SIZE,
00282         javax.swing.GroupLayout.DEFAULT_SIZE,
00283         javax.swing.GroupLayout.PREFERRED_SIZE)
00284         .addComponent(orangePriceLbl)))
00285
    .addGroup(DrinksPnlLayout.createParallelGroup.LEADING)
00286         .addGroup(DrinksPnlLayout.createSequentialGroup()
00287             .addGap(8, 8, 8)
00288             .addComponent(mojitoLbl))
00289         .addGroup(DrinksPnlLayout.createSequentialGroup()
00290
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00291         .addGroup(DrinksPnlLayout
00292
    .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00293         .addComponent(mojitoCountS,
00294
javax.swing.GroupLayout.PREFERRED_SIZE,
00295         javax.swing.GroupLayout.DEFAULT_SIZE,
00296
javax.swing.GroupLayout.PREFERRED_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
00306
    friesLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00307
    friesLbl.setText("Truffel Fries");
00308
00309
    moltenLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00310
    moltenLbl.setText("Molten Chocolate");
00311
00312
    shrimpLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00313
    shrimpLbl.setText("Dynamite Shrimp");
00314
00315
    friesCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00316
    friesCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00317
    friesCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00318         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00324             friesCountSStateChanged(evt);
00325         }
00326     });
00327
00328
    moltenCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00329
    moltenCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00330
    moltenCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00331         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00337             moltenCountSStateChanged(evt);
00338         }
00339     });
00340
00341
    shrimpCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00342
    shrimpCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00343
    shrimpCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00344         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00350             shrimpCountSStateChanged(evt);
00351         }
00352     });
00353
00354
    macLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00355
    macLbl.setText("Mac&Cheese Balls");
00356
00357
    macCountS.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00358
    macCountS.setModel(new javax.swing.SpinnerNumberModel(0, 0, 10, 1));
00359
    macCountS.addChangeListener(new javax.swing.event.ChangeListener() {
00360         public void stateChanged(javax.swing.event.ChangeEvent evt) {
00366             macCountSStateChanged(evt);
00367         }
00368     });
00369
00370
    friesPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00371
    friesPriceLbl.setText("0.0 SR");
00372
00373
    moltenPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00374
    moltenPriceLbl.setText("0.0 SR");
00375
00376
    macPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00377
    macPriceLbl.setText("0.0 SR");
00378
00379
    shrimpPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00380

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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
00391                         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00392                             .addGroup(AppetizerPnlLayout.createSequentialGroup()
00393                                 .addComponent(friesLbl,
00394                                     javax.swing.GroupLayout.PREFERRED_SIZE,
00395                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00396                                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 31,
00397                                     Short.MAX_VALUE)
00398                                 .addComponent(friesCountS,
00399                                     javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00400                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00401                                 .addGap(18, 18, 18)
00402                                 .addComponent(friesPriceLbl))
00403                             .addGroup(AppetizerPnlLayout.createSequentialGroup()
00404                                 .addComponent(shrimpLbl)
00405                                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00406                                     javax.swing.GroupLayout.DEFAULT_SIZE,
00407                                     Short.MAX_VALUE)
00408                                 .addComponent(shrimpCountS,
00409                                     javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00410                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00411                                 .addGap(18, 18, 18)
00412                                 .addComponent(shrimpPriceLbl))
00413                             .addGroup(AppetizerPnlLayout.createSequentialGroup()
00414                                 .addComponent(moltenLbl,
00415                                     javax.swing.GroupLayout.DEFAULT_SIZE,
00416                                     javax.swing.GroupLayout.DEFAULT_SIZE,
00417                                     Short.MAX_VALUE)
00418                                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00419                                 .addComponent(moltenCountS,
00420                                     javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00421                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00422                                 .addGap(18, 18, 18)
00423                                 .addComponent(moltenPriceLbl))
00424                             .addGroup(AppetizerPnlLayout.createSequentialGroup()
00425                                 .addComponent(macLbl)
00426                                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00427                                     javax.swing.GroupLayout.DEFAULT_SIZE,
00428                                     Short.MAX_VALUE)
00429                                 .addComponent(macCountS,
00430                                     javax.swing.GroupLayout.PREFERRED_SIZE, 80,
00431                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00432                                 .addGap(18, 18, 18)
00433                                 .addComponent(macPriceLbl)))
00434             .addContainerGap());
00435         AppetizerPnlLayout.setVerticalGroup(
00436             AppetizerPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00437                 .addGroup(AppetizerPnlLayout.createSequentialGroup()
00438                     .addGroup(AppetizerPnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00439                         .addGroup(AppetizerPnlLayout.createSequentialGroup()
00440                             .addContainerGap(19, Short.MAX_VALUE)
00441                             .addGroup(AppetizerPnlLayout
00442
00443                                 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00444                                     .addComponent(friesLbl,
00445                                         javax.swing.GroupLayout.PREFERRED_SIZE, 20,
00446                                         javax.swing.GroupLayout.PREFERRED_SIZE)
00447                                     .addGroup(AppetizerPnlLayout
00448
00449                                         .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00450                                             .addComponent(friesCountS,
00451                                                 javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00452                                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00453                                             .addComponent(friesPriceLbl))
00454                                         .addGap(10, 10, 10)
00455                                         .addGroup(AppetizerPnlLayout
00456
00457                                             .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00458                                                 .addComponent(moltenLbl)
00459                                                 .addGroup(AppetizerPnlLayout
00460
00461                                             .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00462                                                 .addComponent(moltenCountS,
00463                                                     javax.swing.GroupLayout.PREFERRED_SIZE,
00464                                                         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 javax.swing.GroupLayout.PREFERRED_SIZE,
00463                                     30,
00464 javax.swing.GroupLayout.PREFERRED_SIZE)))
00465                                     .addGap(16, 16, 16)
00466                                     .addGroup(AppetizerPnlLayout
00467
00468 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00469                                     .addComponent(shrimpLbl)
00470                                     .addGroup(AppetizerPnlLayout
00471
00472 .createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
00473                                     .addComponent(shrimpCountS,
00474 javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00475                                     javax.swing.GroupLayout.PREFERRED_SIZE)
00476                                     .addComponent(shrimpPriceLbl)))
00477                                     .addContainerGap());
00478
00479 MainCoursePnl.setBackground(new java.awt.Color(248, 244, 230));
00480 MainCoursePnl.setBorder(javax.swing.BorderFactory.createTitledBorder(
00481     new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Main
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         pizzaCountSStateChanged(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         pastaCountSStateChanged(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         spaghettiCountSStateChanged(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         salmonCountSStateChanged(evt);
00528     }
00529 });
00530
00531 pizzaPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N

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```

00544        pizzaPriceLbl.setText("0.0 SR");
00545
00546        spaghettiPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00547        spaghettiPriceLbl.setText("0.0 SR");
00548
00549        salmonPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00550        salmonPriceLbl.setText("0.0 SR");
00551
00552        pastaPriceLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00553        pastaPriceLbl.setText("0.0 SR");
00554
00555        spaghettiSpicy.setBackground(new java.awt.Color(255, 255, 255));
00556        spaghettiSpicy.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00557        spaghettiSpicy.setText("Spicy");
00558        spaghettiSpicy.addActionListener(new java.awt.event.ActionListener() {
00564            public void actionPerformed(java.awt.event.ActionEvent evt) {
00565                spaghettiSpicyActionPerformed(evt);
00566            }
00567        });
00568
00569        pizzaSpicy.setBackground(new java.awt.Color(255, 255, 255));
00570        pizzaSpicy.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00571        pizzaSpicy.setText("Spicy");
00572        pizzaSpicy.addActionListener(new java.awt.event.ActionListener() {
00578            public void actionPerformed(java.awt.event.ActionEvent evt) {
00579                pizzaSpicyActionPerformed(evt);
00580            }
00581        });
00582
00583        pastaChicken.setBackground(new java.awt.Color(255, 255, 255));
00584        pastaChicken.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00585        pastaChicken.setText("Chicken");
00586        pastaChicken.addActionListener(new java.awt.event.ActionListener() {
00592            public void actionPerformed(java.awt.event.ActionEvent evt) {
00593                pastaChickenActionPerformed(evt);
00594            }
00595        });
00596
00597        salmonRice.setBackground(new java.awt.Color(255, 255, 255));
00598        salmonRice.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00599        salmonRice.setText("Rice");
00600        salmonRice.addActionListener(new java.awt.event.ActionListener() {
00606            public void actionPerformed(java.awt.event.ActionEvent evt) {
00607                salmonRiceActionPerformed(evt);
00608            }
00609        });
00610
00611        javax.swing.GroupLayout MainCoursePnlLayout = new javax.swing.GroupLayout(MainCoursePnl);
00612        MainCoursePnl.setLayout(MainCoursePnlLayout);
00613        MainCoursePnlLayout.setHorizontalGroup(
00614            MainCoursePnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00615                .addGroup(MainCoursePnlLayout.createSequentialGroup()
00616                    .addGroup(MainCoursePnlLayout.createParallelGroup(
00617                        javax.swing.GroupLayout.Alignment.LEADING)
00618                            .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00619                                .addComponent(pizzaLbl,
00620                                    javax.swing.GroupLayout.PREFERRED_SIZE,
00621                                        javax.swing.GroupLayout.PREFERRED_SIZE)
00622                                    .addGroup(MainCoursePnlLayout.createParallelGroup(
00623                                        javax.swing.GroupLayout.Alignment.LEADING)
00624                                            .addGroup(MainCoursePnlLayout.createSequentialGroup()
00625                                                .addComponent(spaghettiLbl,
00626                                                    javax.swing.GroupLayout.DEFAULT_SIZE,
00627                                                        javax.swing.GroupLayout.DEFAULT_SIZE,
00628                                                            Short.MAX_VALUE)
00629                                                .addComponent(pastaLbl,
00630                                                    javax.swing.GroupLayout.Alignment.TRAILING,
00631                                                        javax.swing.GroupLayout.DEFAULT_SIZE,
00632                                                            javax.swing.GroupLayout.DEFAULT_SIZE,
00633                                                            Short.MAX_VALUE)
00634                                                .addComponent(salmonLbl,
00635                                                    javax.swing.GroupLayout.Alignment.TRAILING,
00636                                                        javax.swing.GroupLayout.DEFAULT_SIZE,
00637                                                            Short.MAX_VALUE))
00638                                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00639                                            .addGroup(MainCoursePnlLayout.createParallelGroup(
00640                                                javax.swing.GroupLayout.Alignment.LEADING,

```

```

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                                     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
00691                                     .addComponent(pastaCountS,
00692 javax.swing.GroupLayout.PREFERRED_SIZE,
00693 javax.swing.GroupLayout.DEFAULT_SIZE,
00694 javax.swing.GroupLayout.PREFERRED_SIZE))
00695                                     .addPreferredGap(
00696 javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00697 javax.swing.GroupLayout.DEFAULT_SIZE,
00698                                     Short.MAX_VALUE)
00699 .addGroup(MainCoursePnlLayout.createParallelGroup(
00700 javax.swing.GroupLayout.Alignment.LEADING)
00701                                     .addComponent(pastaPriceLbl,
00702 javax.swing.GroupLayout.Alignment.TRAILING)
00703                                     .addComponent(salmonPriceLbl,
00704 javax.swing.GroupLayout.Alignment.TRAILING)
00705 .addComponent(spaghettiPriceLbl,
00706 javax.swing.GroupLayout.Alignment.TRAILING))))))
00707                                     .addContainerGap(21, Short.MAX_VALUE));
00708 MainCoursePnlLayout.setVerticalGroup(
00709     MainCoursePnlLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00710         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, MainCoursePnlLayout
00711             .createSequentialGroup())
00712             .addGroup(MainCoursePnlLayout
00713                 .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00714                     .addGroup(MainCoursePnlLayout.createSequentialGroup())
00715                         .addGap(46, 46, 46)
00716                         .addComponent(pizzaPriceLbl)
00717                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00718                         .addComponent(pastaPriceLbl)
00719                         .addGap(13, 13, 13))
00720                     .addGroup(MainCoursePnlLayout.createSequentialGroup())
00721                         .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00722 Short.MAX_VALUE)
00723                         .addGroup(MainCoursePnlLayout
00724                             .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00725                                 .addGroup(MainCoursePnlLayout.createSequentialGroup())
00726                                     .addGap(5, 5, 5)
00727                                     .addComponent(pizzaLbl))
00728                                     .addGroup(MainCoursePnlLayout
00729                                         .createParallelGroup(
00730                                             javax.swing.GroupLayout.Alignment.BASELINE)
00731                                                 .addComponent(pizzaSpicy)
00732                                                 .addComponent(pizzaCountS,
00733 javax.swing.GroupLayout.PREFERRED_SIZE, 30,
00734 javax.swing.GroupLayout.PREFERRED_SIZE)))
00735                                     .addGroup(MainCoursePnlLayout
00736                                         .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00737                                             .addGroup(MainCoursePnlLayout.createSequentialGroup())
00738                                                 .addGap(3, 3, 3)
00739                                                 .addGroup(MainCoursePnlLayout.createParallelGroup(
00740                                                     javax.swing.GroupLayout.Alignment.BASELINE)
00741                                                         .addComponent(pastaLbl)
00742                                                         .addComponent(pastaCountS,
00743 javax.swing.GroupLayout.PREFERRED_SIZE,
00744                                     30,
00745 javax.swing.GroupLayout.PREFERRED_SIZE)))
00746                                     .addGroup(MainCoursePnlLayout.createSequentialGroup())
00747                                         .addPreferredGap(
00748 javax.swing.LayoutStyle.ComponentPlacement.RELATED)
00749                                         .addComponent(pastaChicken)))

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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                                     .addGap(5, 5, 5)
00763                                     .addGroup(MainCoursePnlLayout
00764                                     .createParallelGroup(
00765                                     javax.swing.GroupLayout.Alignment.LEADING)
00766                                     .addComponent(spaghettiLbl)
00767                                     .addGroup(MainCoursePnlLayout
00768                                     .createParallelGroup(
00769                                     javax.swing.GroupLayout.Alignment.BASELINE)
00770                                     .addComponent(spaghettiSpicy)
00771                                     .addComponent(spaghettiCountS,
00772                                     javax.swing.GroupLayout.PREFERRED_SIZE,
00773                                     javax.swing.GroupLayout.DEFAULT_SIZE,
00774                                     javax.swing.GroupLayout.PREFERRED_SIZE)))
00775                                     .addGroup(MainCoursePnlLayout.createSequentialGroup())
00776                                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00777                                     .addComponent(spaghettiPriceLbl)))
00778                                     .addGap(8, 8, 8));
00779
00780 jPanell.setBackground(new java.awt.Color(248, 244, 230));
00781 jPanell.setBorder(javax.swing.BorderFactory.createTitledBorder(
00782     new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Receipt",
00783     javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.TOP,
00784     new java.awt.Font("Yu Gothic UI", 0, 14))); // NOI18N
00785
00786 subTotalLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00787 subTotalLbl.setText("SubTotal: 0.0 SR");
00788
00789 vatLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00790 vatLbl.setText("VAT included: 0.0 SR");
00791
00792 totalLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 18)); // NOI18N
00793 totalLbl.setText("Total: 0.0 SR");
00794
00795 receiptNoLbl.setFont(new java.awt.Font("Yu Gothic UI Light", 0, 14)); // NOI18N
00796 receiptNoLbl.setText("Receipt No. : 0");
00797
00798 javax.swing.GroupLayout jPanellLayout = new javax.swing.GroupLayout(jPanell);
00799 jPanell.setLayout(jPanellLayout);
00800 jPanellLayout.setHorizontalGroup(
00801     jPanellLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00802     .addGroup(jPanellLayout.createSequentialGroup()
00803         .addGroup(jPanellLayout.createSequentialGroup()
00804             .addComponent(spaghettiLbl)
00805             .addComponent(spaghettiCountS)
00806             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00807                 Short.MAX_VALUE))
00808             .addGroup(jPanellLayout.createSequentialGroup()
00809                 .addComponent(spaghettiSpicy)
00810                 .addComponent(spaghettiPriceLbl)
00811                 .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00812                     Short.MAX_VALUE)))
00813         .addGroup(jPanellLayout.createSequentialGroup()
00814             .addComponent(spaghettiCountS)
00815             .addComponent(spaghettiPriceLbl)
00816             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00817                 Short.MAX_VALUE))
00818         .addGroup(jPanellLayout.createSequentialGroup()
00819             .addComponent(spaghettiSpicy)
00820             .addComponent(spaghettiPriceLbl)
00821             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00822                 Short.MAX_VALUE))

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10,
00823         Short.MAX_VALUE)
00824         .addComponent(receiptNoLbl));
00825
00826         payBtn.setFont(new java.awt.Font("Lucida Grande", 1, 18)); // NOI18N
00827         payBtn.setText("Pay");
00828         payBtn.addActionListener(new java.awt.event.ActionListener() {
00834             public void actionPerformed(java.awt.event.ActionEvent evt) {
00835                 payBtnActionPerformed(evt);
00836             }
00837         });
00838
00839         newReceiptBtn.setFont(new java.awt.Font("Yu Gothic UI", 1, 14)); // NOI18N
00840         newReceiptBtn.setText("New Receipt");
00841         newReceiptBtn.addActionListener(new java.awt.event.ActionListener() {
00847             public void actionPerformed(java.awt.event.ActionEvent evt) {
00848                 newReceiptBtnActionPerformed(evt);
00849             }
00850         });
00851
00852         saveReceiptBtn.setFont(new java.awt.Font("Yu Gothic UI", 1, 14)); // NOI18N
00853         saveReceiptBtn.setText("Save Receipt");
00854         saveReceiptBtn.addActionListener(new java.awt.event.ActionListener() {
00860             public void actionPerformed(java.awt.event.ActionEvent evt) {
00861                 saveReceiptBtnActionPerformed(evt);
00862             }
00863         });
00864
00865         jLabel1.setBackground(new java.awt.Color(255, 153, 0));
00866         jLabel1.setFont(new java.awt.Font("Yu Gothic UI", 1, 36)); // NOI18N
00867         jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00868         jLabel1.setText("BLACK PLATE MENU");
00869
00870         goBackMenuBtn.setFont(new java.awt.Font("Yu Gothic UI", 1, 14)); // NOI18N
00871         goBackMenuBtn.setText("Go Back");
00872         goBackMenuBtn.addActionListener(new java.awt.event.ActionListener() {
00878             public void actionPerformed(java.awt.event.ActionEvent evt) {
00879                 goBackMenuBtnActionPerformed(evt);
00880             }
00881         });
00882
00883         jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); //
NOI18N
00884
00885         javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
00886         jPanel2.setLayout(jPanel2Layout);
00887         jPanel2Layout.setHorizontalGroup(
00888             jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00889                 .addGroup(jPanel2Layout.createSequentialGroup()
00890                     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00891                         .addGroup(jPanel2Layout.createSequentialGroup()
00892                             .addGroup(jPanel2Layout.createSequentialGroup()
00893                                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00894                                     .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00895                                     .addGroup(jPanel2Layout.createSequentialGroup()
00896                                         .addComponent(goBackMenuBtn,
00897                                             javax.swing.GroupLayout.PREFERRED_SIZE, 130,
00898                                             javax.swing.GroupLayout.PREFERRED_SIZE)
00899                                         .addPreferredGap(
00900                                             javax.swing.LayoutStyle.ComponentPlacement.RELATED,
00901                                             147, Short.MAX_VALUE)
00902                                         .addComponent(payBtn,
00903                                             javax.swing.GroupLayout.PREFERRED_SIZE, 180,
00904                                             javax.swing.GroupLayout.PREFERRED_SIZE)
00905                                         .addPreferredGap(
00906                                             javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00907                                         .addGroup(jPanel2Layout.createParallelGroup(
00908                                             javax.swing.GroupLayout.Alignment.LEADING)
00909                                             .addComponent(saveReceiptBtn,
00910                                                 javax.swing.GroupLayout.PREFERRED_SIZE,
00911                                                 220,
00912                                                 javax.swing.GroupLayout.PREFERRED_SIZE)
00913                                             .addComponent(newReceiptBtn,
00914

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        javax.swing.GroupLayout.PREFERRED_SIZE,
00915                                                                    220,
00916        javax.swing.GroupLayout.PREFERRED_SIZE))
00917                                                                    .addGap(28, 28, 28)
00918                                                                    .addComponent(jPanel11,
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                                                                    jPanel2Layout.createSequentialGroup()
00925                                                                    .addGap(0, 0, Short.MAX_VALUE)
00926                                                                    .addComponent(AppetizerPnl,
00927        javax.swing.GroupLayout.PREFERRED_SIZE,
00928                                                                    382,
00929        javax.swing.GroupLayout.PREFERRED_SIZE)
00930                                                                    .addGap(18, 18, 18)
00931                                                                    .addComponent(MainCoursePnl,
00932        javax.swing.GroupLayout.PREFERRED_SIZE,
00933                                                                    453,
00934        javax.swing.GroupLayout.PREFERRED_SIZE)))
00935        .addGroup(jPanel2Layout.createSequentialGroup()
00936        .addGap(251, 251, 251)
00937        .addComponent(jLabel2)
00938        .addGap(18, 18, 18)
00939        .addComponent(jLabel1,
        javax.swing.GroupLayout.PREFERRED_SIZE, 433,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE)))
00941        .addContainerGap())
00942        .addGroup(jPanel2Layout.createSequentialGroup()
00943        .addGap(40, 40, 40)
00944        .addComponent(DrinksPnl, javax.swing.GroupLayout.PREFERRED_SIZE, 293,
00945        javax.swing.GroupLayout.PREFERRED_SIZE)
00946        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
00947        Short.MAX_VALUE));
00948        jPanel2Layout.setVerticalGroup(
00949        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00950        .addGroup(jPanel2Layout.createSequentialGroup()
00951        .addContainerGap(16, Short.MAX_VALUE)
00952        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
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,
        javax.swing.GroupLayout.PREFERRED_SIZE,
00960        60,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(59, 59, 59)))
00961        .addGroup(jPanel2Layout
00962        .createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
00963        .addComponent(AppetizerPnl,
        javax.swing.GroupLayout.DEFAULT_SIZE, 210,
        Short.MAX_VALUE)
00965        .addComponent(MainCoursePnl,
        javax.swing.GroupLayout.DEFAULT_SIZE, 210,
        Short.MAX_VALUE)
00967        .addComponent(DrinksPnl, javax.swing.GroupLayout.DEFAULT_SIZE,
00968        210,
        Short.MAX_VALUE))
00969        .addGap(18, 18, 18)
00970
00971        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00972        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
        jPanel2Layout
        .createSequentialGroup()
00973        .addComponent(goBackMenuBtn,
        javax.swing.GroupLayout.PREFERRED_SIZE,
00974        40, javax.swing.GroupLayout.PREFERRED_SIZE)
00975        .addGap(14, 14, 14))
00976        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
        jPanel2Layout.createSequentialGroup()
00977        .addComponent(jPanel11,
00978

```



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        javax.swing.GroupLayout.PREFERRED_SIZE,
00980                                                                 javax.swing.GroupLayout.DEFAULT_SIZE,
00981
        javax.swing.GroupLayout.PREFERRED_SIZE)
00982                                .addGap(31, 31, 31))
00983                                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
        jPanel2Layout
00984                                .createSequentialGroup())
00985                                .addGroup(jPanel2Layout
00986                                .createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
00987                                .addComponent(payBtn,
        javax.swing.GroupLayout.PREFERRED_SIZE,
00988                                70,
        javax.swing.GroupLayout.PREFERRED_SIZE)
00989                                .addGroup(jPanel2Layout.createSequentialGroup()
00990                                .addComponent(newReceiptBtn,
00991                                javax.swing.GroupLayout.PREFERRED_SIZE, 30,
        javax.swing.GroupLayout.PREFERRED_SIZE)
00992                                .addPreferredGap(
        javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00993                                .addComponent(saveReceiptBtn,
00994                                javax.swing.GroupLayout.PREFERRED_SIZE, 29,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
00995                                .addGap(50, 50, 50))));
00996
00997    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
00998    getContentPane().setLayout(layout);
00999    layout.setHorizontalGroup(
01000        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
01001            .addGroup(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
01002                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
01003    layout.setVerticalGroup(
01004        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
01005            .addGroup(layout.createSequentialGroup()
01006                .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
01007                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
01008                .addContainerGap());
01009    pack();
01010    setLocationRelativeTo(null);
01011    } // </editor-fold> // GEN-END: initComponents
01012
01013    private void colaCountSStateChanged(javax.swing.event.ChangeEvent evt) { //
01014        GEN-FIRST:event_colaCountSStateChanged
01015        colaNum = (Integer) colaCountS.getValue();
01016        colaPrice = colaCost * colaNum;
01017        colaPriceLbl.setText(colaPrice + " SR");
01018    } // GEN-LAST:event_colaCountSStateChanged
01019
01020    private void upCountSStateChanged(javax.swing.event.ChangeEvent evt) { //
01021        GEN-FIRST:event_upCountSStateChanged
01022        upNum = (Integer) upCountS.getValue();
01023        upPrice = upCost * upNum;
01024        upPriceLbl.setText(upPrice + " SR");
01025    } // GEN-LAST:event_upCountSStateChanged
01026
01027    private void mojitoCountSStateChanged(javax.swing.event.ChangeEvent evt) { //
01028        GEN-FIRST:event_mojitoCountSStateChanged
01029        mojitoNum = (Integer) mojitoCountS.getValue();
01030        mojitoPrice = mojitoCost * mojitoNum;
01031        mojitoPriceLbl.setText(mojitoPrice + " SR");
01032    } // GEN-LAST:event_mojitoCountSStateChanged
01033
01034    private void orangeCountSStateChanged(javax.swing.event.ChangeEvent evt) { //
01035        GEN-FIRST:event_orangeCountSStateChanged
01036        orangeNum = (Integer) orangeCountS.getValue();
01037        orangePrice = orangeCost * orangeNum;
01038        orangePriceLbl.setText(orangePrice + " SR");
01039    } // GEN-LAST:event_orangeCountSStateChanged
01040
01041    private void friesCountSStateChanged(javax.swing.event.ChangeEvent evt) { //
01042        GEN-FIRST:event_friesCountSStateChanged
01043        friesNum = (Integer) friesCountS.getValue();
01044        friesPrice = friesCost * friesNum;
01045        friesPriceLbl.setText(friesPrice + " SR");
01046    } // GEN-LAST:event_friesCountSStateChanged
01047
01048    private void moltenCountSStateChanged(javax.swing.event.ChangeEvent evt) { //

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```

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
01084
01090     private void shrimpCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
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
01095
01101     private void macCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
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
01106
01112     private void pizzaCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
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
01117
01123     private void pastaCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
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
01128
01134     private void spaghettiCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
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
01139
01145     private void salmonCountSStateChanged(javax.swing.event.ChangeEvent evt) {//
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
01150
01156     private void spaghettiSpicyActionPerformed(java.awt.event.ActionEvent evt) {//
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
01164
01170     private void pizzaSpicyActionPerformed(java.awt.event.ActionEvent evt) {//
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
01178
01184     private void pastaChickenActionPerformed(java.awt.event.ActionEvent evt) {//
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
01192
01198     private void salmonRiceActionPerformed(java.awt.event.ActionEvent evt) {//
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

```

```

01206
01212     private void payBtnActionPerformed(java.awt.event.ActionEvent evt) {
GEN-FIRST:event_payBtnActionPerformed
01213
01214         subTotal = cola_Price + up_Price + mojito_Price + orange_Price + molten_Price + mac_Price +
fries_Price
01215             + shrimp_Price + pizza_Price + pasta_Price + salmon_Price + spaghetti_Price;
01216
01217         subTotalLbl.setText("SubTotal " + subTotal + " SR");
01218
01219         vat = subTotal * 0.15;
01220         vatLbl.setText("VAT included " + vat + " SR");
01221
01222         total = subTotal + vat;
01223         totalLbl.setText("Total " + total + " SR");
01224
01225         if (subTotal == 0) {
01226             JOptionPane.showMessageDialog(null, "Please select an item first!", null,
JOptionPane.INFORMATION_MESSAGE);
01227         } else {
01228             JOptionPane.showMessageDialog(null, "Paid successfully");
01229         }
01230     } // GEN-LAST:event_payBtnActionPerformed
01231
01237     private void saveReceiptBtnActionPerformed(java.awt.event.ActionEvent evt) {
GEN-FIRST:event_saveReceiptBtnActionPerformed
01238
01239         try {
01240
01241             if (total != 0) {
01242
01243                 output = new PrintWriter("receipts/billNo." + receiptNo + ".txt");
01244
01245                 JOptionPane.showMessageDialog(null,
01246                     "Recipt number: " + receiptNo + " has been saved successfuly" + "");
01247
01248                 output.println(" Bill number is: " + receiptNo);
01249                 output.println("=====");
01250                 output.println("-----");
01251                 output.println("Subtotal is: " + subTotal + " SR");
01252                 output.println("vat: " + vat + " SR");
01253                 output.println("Total is: " + total + " SR");
01254                 output.println();
01255                 output.println("THANK YOU FOR ORDERING");
01256
01257             }
01258             output.close();
01259
01260         } catch (Exception ex) {
01261             JOptionPane.showMessageDialog(null, "Error occured. Please try again");
01262
01263         }
01264     } // GEN-LAST:event_saveReceiptBtnActionPerformed
01265
01271     private void newReceiptBtnActionPerformed(java.awt.event.ActionEvent evt) {
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
01306
01311 private void goBackMenuBtnActionPerformed(java.awt.event.ActionEvent evt) {//
GEN-FIRST:event_goBackMenuBtnActionPerformed
01312     this.dispose();
01313     new Login().setVisible(true);
01314 }// GEN-LAST:event_goBackMenuBtnActionPerformed
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 :
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,
ex);
01338     } catch (InstantiationException ex) {
01339
java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
01340     } catch (IllegalAccessException ex) {
01341
java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
01342     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
01343
java.util.logging.Logger.getLogger(Frame1.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
01344     }
01345     // </editor-fold>
01346
01347     /* Create and display the form */
01348     java.awt.EventQueue.invokeLater(new Runnable() {
01349         public void run() {
01350             new Frame1().setVisible(true);
01351         }
01352     });
01353 }
01354
01355 // Variables declaration - do not modify//GEN-BEGIN:variables
01357 private javax.swing.JPanel AppetizerPnl;
01359 private javax.swing.JPanel DrinksPnl;
01361 private javax.swing.JPanel MainCoursePnl;
01363 private javax.swing.JSpinner colaCounts;
01365 private javax.swing.JLabel colaLbl;
01367 private javax.swing.JLabel colaPriceLbl;
01369 private javax.swing.JSpinner friesCounts;
01371 private javax.swing.JLabel friesLbl;
01373 private javax.swing.JLabel friesPriceLbl;
01375 private javax.swing.JButton goBackMenuBtn;
01376 private javax.swing.JLabel jLabel1;
01377 private javax.swing.JLabel jLabel2;
01378 private javax.swing.JPanel jPanel1;
01379 private javax.swing.JPanel jPanel2;
01380 private javax.swing.JSpinner macCounts;
01381 private javax.swing.JLabel macLbl;
01382 private javax.swing.JLabel macPriceLbl;
01383 private javax.swing.JSpinner mojitoCounts;
01384 private javax.swing.JLabel mojitoLbl;
01385 private javax.swing.JLabel mojitoPriceLbl;
01386 private javax.swing.JSpinner moltenCounts;
01387 private javax.swing.JLabel moltenLbl;
01388 private javax.swing.JLabel moltenPriceLbl;
01390 private javax.swing.JButton newReceiptBtn;
01391 private javax.swing.JLabel orangLbl;
01392 private javax.swing.JSpinner orangeCounts;
01393 private javax.swing.JLabel orangePriceLbl;
01394 private javax.swing.JCheckBox pastaChicken;
01395 private javax.swing.JSpinner pastaCounts;
01396 private javax.swing.JLabel pastaLbl;
01397 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          jPanel1 = 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          jPanel1.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\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\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 jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00078          jPanel1.setLayout(jPanel1Layout);
00079          jPanel1Layout.setHorizontalGroup(
00080              jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00081                  .addGroup(jPanel1Layout.createSequentialGroup()
00082                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00083                          .addGroup(jPanel1Layout.createSequentialGroup()
00084                              .addGap(55, 55, 55)
00085                              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00086                                  .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
javax.swing.GroupLayout.PREFERRED_SIZE)
00087                                  .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.PREFERRED_SIZE, 1004,
javax.swing.GroupLayout.PREFERRED_SIZE)))
00088                              .addGroup(jPanel1Layout.createSequentialGroup()
00089                                  .addGap(489, 489, 489)
00090                                  .addComponent(jLabel1))
00091                              .addContainerGap(159, Short.MAX_VALUE))
00092                      )
00093                  .addGroup(jPanel1Layout.createSequentialGroup()
00094                      .addGap(71, Short.MAX_VALUE)
00095                      .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
javax.swing.GroupLayout.PREFERRED_SIZE)
00096                      .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
javax.swing.GroupLayout.PREFERRED_SIZE)
00097                      .addGap(67, 67, 67)
00098                      .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 1004,
javax.swing.GroupLayout.PREFERRED_SIZE)
00099                      .addGap(55, 55, 55)
00100                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00101                          .addGroup(jPanel1Layout.createSequentialGroup()
00102                              .addGap(489, 489, 489)
00103                              .addComponent(jLabel1))
00104                          .addContainerGap(159, Short.MAX_VALUE))
00105                      )
00106                  )
00107          );
00108      }
00109
00110      private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
00111          // TODO add your handling code here:
00112      }
00113
00114      private void ourStoryActionPerformed(java.awt.event.ActionEvent evt) {
00115          // TODO add your handling code here:
00116      }
00117
00118      private void jScrollPane1ActionPerformed(java.awt.event.ActionEvent evt) {
00119          // TODO add your handling code here:
00120      }
00121
00122      private void jLabel1MouseClicked(java.awt.event.MouseEvent evt) {
00123          // TODO add your handling code here:
00124      }
00125
00126      private void ourStoryKeyTyped(java.awt.event.KeyEvent evt) {
00127          // TODO add your handling code here:
00128      }
00129
00130      private void jButton3KeyPressed(java.awt.event.KeyEvent evt) {
00131          // TODO add your handling code here:
00132      }
00133
00134      private void ourStoryKeyPressed(java.awt.event.KeyEvent evt) {
00135          // TODO add your handling code here:
00136      }
00137
00138      private void jScrollPane1KeyPressed(java.awt.event.KeyEvent evt) {
00139          // TODO add your handling code here:
00140      }
00141
00142      private void jLabel1KeyTyped(java.awt.event.KeyEvent evt) {
00143          // TODO add your handling code here:
00144      }
00145
00146      private void jButton3KeyReleased(java.awt.event.KeyEvent evt) {
00147          // TODO add your handling code here:
00148      }
00149
00150      private void ourStoryKeyReleased(java.awt.event.KeyEvent evt) {
00151          // TODO add your handling code here:
00152      }
00153
00154      private void jScrollPane1KeyReleased(java.awt.event.KeyEvent evt) {
00155          // TODO add your handling code here:
00156      }
00157
00158      private void jLabel1KeyReleased(java.awt.event.KeyEvent evt) {
00159          // TODO add your handling code here:
00160      }
00161
00162      private void ourStoryFocusCleared(java.awt.event.FocusEvent evt) {
00163          // TODO add your handling code here:
00164      }
00165
00166      private void jButton3FocusCleared(java.awt.event.FocusEvent evt) {
00167          // TODO add your handling code here:
00168      }
00169
00170      private void jScrollPane1FocusCleared(java.awt.event.FocusEvent evt) {
00171          // TODO add your handling code here:
00172      }
00173
00174      private void jLabel1FocusCleared(java.awt.event.FocusEvent evt) {
00175          // TODO add your handling code here:
00176      }
00177
00178      private void ourStoryFocusLost(java.awt.event.FocusEvent evt) {
00179          // TODO add your handling code here:
00180      }
00181
00182      private void jButton3FocusLost(java.awt.event.FocusEvent evt) {
00183          // TODO add your handling code here:
00184      }
00185
00186      private void jScrollPane1FocusLost(java.awt.event.FocusEvent evt) {
00187          // TODO add your handling code here:
00188      }
00189
00190      private void jLabel1FocusLost(java.awt.event.FocusEvent evt) {
00191          // TODO add your handling code here:
00192      }
00193
00194      private void ourStoryFocusGained(java.awt.event.FocusEvent evt) {
00195          // TODO add your handling code here:
00196      }
00197
00198      private void jButton3FocusGained(java.awt.event.FocusEvent evt) {
00199          // TODO add your handling code here:
00200      }
00201
00202      private void jScrollPane1FocusGained(java.awt.event.FocusEvent evt) {
00203          // TODO add your handling code here:
00204      }
00205
00206      private void jLabel1FocusGained(java.awt.event.FocusEvent evt) {
00207          // TODO add your handling code here:
00208      }
00209
00210      private void ourStoryFocusMoved(java.awt.event.FocusEvent evt) {
00211          // TODO add your handling code here:
00212      }
00213
00214      private void jButton3FocusMoved(java.awt.event.FocusEvent evt) {
00215          // TODO add your handling code here:
00216      }
00217
00218      private void jScrollPane1FocusMoved(java.awt.event.FocusEvent evt) {
00219          // TODO add your handling code here:
00220      }
00221
00222      private void jLabel1FocusMoved(java.awt.event.FocusEvent evt) {
00223          // TODO add your handling code here:
00224      }
00225
00226      private void ourStoryFocusEntered(java.awt.event.FocusEvent evt) {
00227          // TODO add your handling code here:
00228      }
00229
00230      private void jButton3FocusEntered(java.awt.event.FocusEvent evt) {
00231          // TODO add your handling code here:
00232      }
00233
00234      private void jScrollPane1FocusEntered(java.awt.event.FocusEvent evt) {
00235          // TODO add your handling code here:
00236      }
00237
00238      private void jLabel1FocusEntered(java.awt.event.FocusEvent evt) {
00239          // TODO add your handling code here:
00240      }
00241
00242      private void ourStoryFocusExited(java.awt.event.FocusEvent evt) {
00243          // TODO add your handling code here:
00244      }
00245
00246      private void jButton3FocusExited(java.awt.event.FocusEvent evt) {
00247          // TODO add your handling code here:
00248      }
00249
00250      private void jScrollPane1FocusExited(java.awt.event.FocusEvent evt) {
00251          // TODO add your handling code here:
00252      }
00253
00254      private void jLabel1FocusExited(java.awt.event.FocusEvent evt) {
00255          // TODO add your handling code here:
00256      }
00257
00258      private void ourStoryFocusMovedTo(java.awt.event.FocusEvent evt) {
00259          // TODO add your handling code here:
00260      }
00261
00262      private void jButton3FocusMovedTo(java.awt.event.FocusEvent evt) {
00263          // TODO add your handling code here:
00264      }
00265
00266      private void jScrollPane1FocusMovedTo(java.awt.event.FocusEvent evt) {
00267          // TODO add your handling code here:
00268      }
00269
00270      private void jLabel1FocusMovedTo(java.awt.event.FocusEvent evt) {
00271          // TODO add your handling code here:
00272      }
00273
00274      private void ourStoryFocusMovedFrom(java.awt.event.FocusEvent evt) {
00275          // TODO add your handling code here:
00276      }
00277
00278      private void jButton3FocusMovedFrom(java.awt.event.FocusEvent evt) {
00279          // TODO add your handling code here:
00280      }
00281
00282      private void jScrollPane1FocusMovedFrom(java.awt.event.FocusEvent evt) {
00283          // TODO add your handling code here:
00284      }
00285
00286      private void jLabel1FocusMovedFrom(java.awt.event.FocusEvent evt) {
00287          // TODO add your handling code here:
00288      }
00289
00290      private void ourStoryFocusMovedOver(java.awt.event.FocusEvent evt) {
00291          // TODO add your handling code here:
00292      }
00293
00294      private void jButton3FocusMovedOver(java.awt.event.FocusEvent evt) {
00295          // TODO add your handling code here:
00296      }
00297
00298      private void jScrollPane1FocusMovedOver(java.awt.event.FocusEvent evt) {
00299          // TODO add your handling code here:
00300      }
00301
00302      private void jLabel1FocusMovedOver(java.awt.event.FocusEvent evt) {
00303          // TODO add your handling code here:
00304      }
00305
00306      private void ourStoryFocusMovedUnder(java.awt.event.FocusEvent evt) {
00307          // TODO add your handling code here:
00308      }
00309
00310      private void jButton3FocusMovedUnder(java.awt.event.FocusEvent evt) {
00311          // TODO add your handling code here:
00312      }
00313
00314      private void jScrollPane1FocusMovedUnder(java.awt.event.FocusEvent evt) {
00315          // TODO add your handling code here:
00316      }
00317
00318      private void jLabel1FocusMovedUnder(java.awt.event.FocusEvent evt) {
00319          // TODO add your handling code here:
00320      }
00321
00322      private void ourStoryFocusMovedAway(java.awt.event.FocusEvent evt) {
00323          // TODO add your handling code here:
00324      }
00325
00326      private void jButton3FocusMovedAway(java.awt.event.FocusEvent evt) {
00327          // TODO add your handling code here:
00328      }
00329
00330      private void jScrollPane1FocusMovedAway(java.awt.event.FocusEvent evt) {
00331          // TODO add your handling code here:
00332      }
00333
00334      private void jLabel1FocusMovedAway(java.awt.event.FocusEvent evt) {
00335          // TODO add your handling code here:
00336      }
00337
00338      private void ourStoryFocusMovedNear(java.awt.event.FocusEvent evt) {
00339          // TODO add your handling code here:
00340      }
00341
00342      private void jButton3FocusMovedNear(java.awt.event.FocusEvent evt) {
00343          // TODO add your handling code here:
00344      }
00345
00346      private void jScrollPane1FocusMovedNear(java.awt.event.FocusEvent evt) {
00347          // TODO add your handling code here:
00348      }
00349
00350      private void jLabel1FocusMovedNear(java.awt.event.FocusEvent evt) {
00351          // TODO add your handling code here:
00352      }
00353
00354      private void ourStoryFocusMovedClose(java.awt.event.FocusEvent evt) {
00355          // TODO add your handling code here:
00356      }
00357
00358      private void jButton3FocusMovedClose(java.awt.event.FocusEvent evt) {
00359          // TODO add your handling code here:
00360      }
00361
00362      private void jScrollPane1FocusMovedClose(java.awt.event.FocusEvent evt) {
00363          // TODO add your handling code here:
00364      }
00365
00366      private void jLabel1FocusMovedClose(java.awt.event.FocusEvent evt) {
00367          // TODO add your handling code here:
00368      }
00369
00370      private void ourStoryFocusMovedFar(java.awt.event.FocusEvent evt) {
00371          // TODO add your handling code here:
00372      }
00373
00374      private void jButton3FocusMovedFar(java.awt.event.FocusEvent evt) {
00375          // TODO add your handling code here:
00376      }
00377
00378      private void jScrollPane1FocusMovedFar(java.awt.event.FocusEvent evt) {
00379          // TODO add your handling code here:
00380      }
00381
00382      private void jLabel1FocusMovedFar(java.awt.event.FocusEvent evt) {
00383          // TODO add your handling code here:
00384      }
00385
00386      private void ourStoryFocusMovedVeryClose(java.awt.event.FocusEvent evt) {
00387          // TODO add your handling code here:
00388      }
00389
00390      private void jButton3FocusMovedVeryClose(java.awt.event.FocusEvent evt) {
00391          // TODO add your handling code here:
00392      }
00393
00394      private void jScrollPane1FocusMovedVeryClose(java.awt.event.FocusEvent evt) {
00395          // TODO add your handling code here:
00396      }
00397
00398      private void jLabel1FocusMovedVeryClose(java.awt.event.FocusEvent evt) {
00399          // TODO add your handling code here:
00400      }
00401
00402      private void ourStoryFocusMovedVeryFar(java.awt.event.FocusEvent evt) {
00403          // TODO add your handling code here:
00404      }
00405
00406      private void jButton3FocusMovedVeryFar(java.awt.event.FocusEvent evt) {
00407          // TODO add your handling code here:
00408      }
00409
00410      private void jScrollPane1FocusMovedVeryFar(java.awt.event.FocusEvent evt) {
00411          // TODO add your handling code here:
00412      }
00413
00414      private void jLabel1FocusMovedVeryFar(java.awt.event.FocusEvent evt) {
00415          // TODO add your handling code here:
00416      }
00417
00418      private void ourStoryFocusMovedNearby(java.awt.event.FocusEvent evt) {
00419          // TODO add your handling code here:
00420      }
00421
00422      private void jButton3FocusMovedNearby(java.awt.event.FocusEvent evt) {
00423          // TODO add your handling code here:
00424      }
00425
00426      private void jScrollPane1FocusMovedNearby(java.awt.event.FocusEvent evt) {
00427          // TODO add your handling code here:
00428      }
00429
00430      private void jLabel1FocusMovedNearby(java.awt.event.FocusEvent evt) {
00431          // TODO add your handling code here:
00432      }
00433
00434      private void ourStoryFocusMovedAwayFrom(java.awt.event.FocusEvent evt) {
00435          // TODO add your handling code here:
00436      }
00437
00438      private void jButton3FocusMovedAwayFrom(java.awt.event.FocusEvent evt) {
00439          // TODO add your handling code here:
00440      }
00441
00442      private void jScrollPane1FocusMovedAwayFrom(java.awt.event.FocusEvent evt) {
00443          // TODO add your handling code here:
00444      }
00445
00446      private void jLabel1FocusMovedAwayFrom(java.awt.event.FocusEvent evt) {
00447          // TODO add your handling code here:
00448      }
00449
00450      private void ourStoryFocusMovedNearbyFrom(java.awt.event.FocusEvent evt) {
00451          // TODO add your handling code here:
00452      }
00453
00454      private void jButton3FocusMovedNearbyFrom(java.awt.event.FocusEvent evt) {
00455          // TODO add your handling code here:
00456      }
00457
00458      private void jScrollPane1FocusMovedNearbyFrom(java.awt.event.FocusEvent evt) {
00459          // TODO add your handling code here:
00460      }
00461
00462      private void jLabel1FocusMovedNearbyFrom(java.awt.event.FocusEvent evt) {
00463          // TODO add your handling code here:
00464      }
00465
00466      private void ourStoryFocusMovedNearbyTo(java.awt.event.FocusEvent evt) {
00467          // TODO add your handling code here:
00468      }
00469
00470      private void jButton3FocusMovedNearbyTo(java.awt.event.FocusEvent evt) {
00471          // TODO add your handling code here:
00472      }
00473
00474      private void jScrollPane1FocusMovedNearbyTo(java.awt.event.FocusEvent evt) {
00475          // TODO add your handling code here:
00476      }
00477
00478      private void jLabel1FocusMovedNearbyTo(java.awt.event.FocusEvent evt) {
00479          // TODO add your handling code here:
00480      }
00481
00482      private void ourStoryFocusMovedAwayFromNearby(java.awt.event.FocusEvent evt) {
00483          // TODO add your handling code here:
00484      }
00485
00486      private void jButton3FocusMovedAwayFromNearby(java.awt.event.FocusEvent evt) {
00487          // TODO add your handling code here:
00488      }
00489
00490      private void jScrollPane1FocusMovedAwayFromNearby(java.awt.event.FocusEvent evt) {
00491          // TODO add your handling code here:
00492      }
00493
00494      private void jLabel1FocusMovedAwayFromNearby(java.awt.event.FocusEvent evt) {
00495          // TODO add your handling code here:
00496      }
00497
00498      private void ourStoryFocusMovedNearbyToNearby(java.awt.event.FocusEvent evt) {
00499          // TODO add your handling code here:
00500      }
00501
00502      private void jButton3FocusMovedNearbyToNearby(java.awt.event.FocusEvent evt) {
00503          // TODO add your handling code here:
00504      }
00505
00506      private void jScrollPane1FocusMovedNearbyToNearby(java.awt.event.FocusEvent evt) {
00507          // TODO add your handling code here:
00508      }
00509
00510      private void jLabel1FocusMovedNearbyToNearby(java.awt.event.FocusEvent evt) {
00511          // TODO add your handling code here:
00512      }
00513
00514      private void ourStoryFocusMovedAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
00515          // TODO add your handling code here:
00516      }
00517
00518      private void jButton3FocusMovedAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
00519          // TODO add your handling code here:
00520      }
00521
00522      private void jScrollPane1FocusMovedAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
00523          // TODO add your handling code here:
00524      }
00525
00526      private void jLabel1FocusMovedAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
00527          // TODO add your handling code here:
00528      }
00529
00530      private void ourStoryFocusMovedNearbyToAwayFrom(java.awt.event.FocusEvent evt) {
00531          // TODO add your handling code here:
00532      }
00533
00534      private void jButton3FocusMovedNearbyToAwayFrom(java.awt.event.FocusEvent evt) {
00535          // TODO add your handling code here:
00536      }
00537
00538      private void jScrollPane1FocusMovedNearbyToAwayFrom(java.awt.event.FocusEvent evt) {
00539          // TODO add your handling code here:
00540      }
00541
00542      private void jLabel1FocusMovedNearbyToAwayFrom(java.awt.event.FocusEvent evt) {
00543          // TODO add your handling code here:
00544      }
00545
00546      private void ourStoryFocusMovedAwayFromNearbyToNearby(java.awt.event.FocusEvent evt) {
00547          // TODO add your handling code here:
00548      }
00549
00550      private void jButton3FocusMovedAwayFromNearbyToNearby(java.awt.event.FocusEvent evt) {
00551          // TODO add your handling code here:
00552      }
00553
00554      private void jScrollPane1FocusMovedAwayFromNearbyToNearby(java.awt.event.FocusEvent evt) {
00555          // TODO add your handling code here:
00556      }
00557
00558      private void jLabel1FocusMovedAwayFromNearbyToNearby(java.awt.event.FocusEvent evt) {
00559          // TODO add your handling code here:
00560      }
00561
00562      private void ourStoryFocusMovedNearbyToAwayFromNearby(java.awt.event.FocusEvent evt) {
00563          // TODO add your handling code here:
00564      }
00565
00566      private void jButton3FocusMovedNearbyToAwayFromNearby(java.awt.event.FocusEvent evt) {
00567          // TODO add your handling code here:
00568      }
00569
00570      private void jScrollPane1FocusMovedNearbyToAwayFromNearby(java.awt.event.FocusEvent evt) {
00571          // TODO add your handling code here:
00572      }
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00574      private void jLabel1FocusMovedNearbyToAwayFromNearby(java.awt.event.FocusEvent evt) {
00575          // TODO add your handling code here:
00576      }
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00578      private void ourStoryFocusMovedAwayFromNearbyToAwayFrom(java.awt.event.FocusEvent evt) {
00579          // TODO add your handling code here:
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00583          // TODO add your handling code here:
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00586      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFrom(java.awt.event.FocusEvent evt) {
00587          // TODO add your handling code here:
00588      }
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00591          // TODO add your handling code here:
00592      }
00593
00594      private void ourStoryFocusMovedNearbyToAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
00595          // TODO add your handling code here:
00596      }
00597
00598      private void jButton3FocusMovedNearbyToAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
00599          // TODO add your handling code here:
00600      }
00601
00602      private void jScrollPane1FocusMovedNearbyToAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
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00607          // TODO add your handling code here:
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00610      private void ourStoryFocusMovedAwayFromNearbyToAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
00611          // TODO add your handling code here:
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00615          // TODO add your handling code here:
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00618      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
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00622      private void jLabel1FocusMovedAwayFromNearbyToAwayFromNearbyTo(java.awt.event.FocusEvent evt) {
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00662      private void jButton3FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
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00666      private void jScrollPane1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00667          // TODO add your handling code here:
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00670      private void jLabel1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
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00674      private void ourStoryFocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00675          // TODO add your handling code here:
00676      }
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00678      private void jButton3FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00679          // TODO add your handling code here:
00680      }
00681
00682      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00683          // TODO add your handling code here:
00684      }
00685
00686      private void jLabel1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00687          // TODO add your handling code here:
00688      }
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00690      private void ourStoryFocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00691          // TODO add your handling code here:
00692      }
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00694      private void jButton3FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00695          // TODO add your handling code here:
00696      }
00697
00698      private void jScrollPane1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00699          // TODO add your handling code here:
00700      }
00701
00702      private void jLabel1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00703          // TODO add your handling code here:
00704      }
00705
00706      private void ourStoryFocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00707          // TODO add your handling code here:
00708      }
00709
00710      private void jButton3FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00711          // TODO add your handling code here:
00712      }
00713
00714      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00715          // TODO add your handling code here:
00716      }
00717
00718      private void jLabel1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00719          // TODO add your handling code here:
00720      }
00721
00722      private void ourStoryFocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00723          // TODO add your handling code here:
00724      }
00725
00726      private void jButton3FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00727          // TODO add your handling code here:
00728      }
00729
00730      private void jScrollPane1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00731          // TODO add your handling code here:
00732      }
00733
00734      private void jLabel1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00735          // TODO add your handling code here:
00736      }
00737
00738      private void ourStoryFocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00739          // TODO add your handling code here:
00740      }
00741
00742      private void jButton3FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00743          // TODO add your handling code here:
00744      }
00745
00746      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00747          // TODO add your handling code here:
00748      }
00749
00750      private void jLabel1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00751          // TODO add your handling code here:
00752      }
00753
00754      private void ourStoryFocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00755          // TODO add your handling code here:
00756      }
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00758      private void jButton3FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00759          // TODO add your handling code here:
00760      }
00761
00762      private void jScrollPane1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00763          // TODO add your handling code here:
00764      }
00765
00766      private void jLabel1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00767          // TODO add your handling code here:
00768      }
00769
00770      private void ourStoryFocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00771          // TODO add your handling code here:
00772      }
00773
00774      private void jButton3FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00775          // TODO add your handling code here:
00776      }
00777
00778      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00779          // TODO add your handling code here:
00780      }
00781
00782      private void jLabel1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00783          // TODO add your handling code here:
00784      }
00785
00786      private void ourStoryFocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00787          // TODO add your handling code here:
00788      }
00789
00790      private void jButton3FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00791          // TODO add your handling code here:
00792      }
00793
00794      private void jScrollPane1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00795          // TODO add your handling code here:
00796      }
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00798      private void jLabel1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00799          // TODO add your handling code here:
00800      }
00801
00802      private void ourStoryFocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00803          // TODO add your handling code here:
00804      }
00805
00806      private void jButton3FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00807          // TODO add your handling code here:
00808      }
00809
00810      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00811          // TODO add your handling code here:
00812      }
00813
00814      private void jLabel1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00815          // TODO add your handling code here:
00816      }
00817
00818      private void ourStoryFocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00819          // TODO add your handling code here:
00820      }
00821
00822      private void jButton3FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00823          // TODO add your handling code here:
00824      }
00825
00826      private void jScrollPane1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00827          // TODO add your handling code here:
00828      }
00829
00830      private void jLabel1FocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00831          // TODO add your handling code here:
00832      }
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00834      private void ourStoryFocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00835          // TODO add your handling code here:
00836      }
00837
00838      private void jButton3FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00839          // TODO add your handling code here:
00840      }
00841
00842      private void jScrollPane1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00843          // TODO add your handling code here:
00844      }
00845
00846      private void jLabel1FocusMovedAwayFromNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyToNearbyTo(java.awt.event.FocusEvent evt) {
00847          // TODO add your handling code here:
00848      }
00849
00850      private void ourStoryFocusMovedNearbyToAwayFromNearbyToNearbyToNearbyToNearbyToNearby
```

```

00100         .addGap(26, 26, 26)
00101         .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00102         .addGap(30, 30, 30))
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,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00110     );
00111     layout.setVerticalGroup(
00112         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00113         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00114     );
00115
00116     pack();
00117     setLocationRelativeTo(null);
00118     /** </editor-fold> //GEN-END: initComponents
00119
00120     private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST: event_jButton3ActionPerformed
00121
00122         new Cashier().setVisible(true);
00123     {//GEN-LAST: event_jButton3ActionPerformed
00124
00128     public static void main(String args[]) {
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 :
javax.swing.UIManager.getInstalledLookAndFeels()) {
00136                 if ("Nimbus".equals(info.getName())) {
00137                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
00138                     break;
00139                 }
00140             }
00141             } catch (ClassNotFoundException ex) {
00142
java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00143             } catch (InstantiationException ex) {
00144
java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00145             } catch (IllegalAccessException ex) {
00146
java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00147             } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00148
java.util.logging.Logger.getLogger(Info.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00149         }
00150         //</editor-fold>
00151
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     }
00159
00160     // Variables declaration - do not modify //GEN-BEGIN: variables
00162     private javax.swing.JButton jButton3;
00164     private javax.swing.JLabel jLabel1;
00166     private javax.swing.JPanel jPanel1;
00168     private javax.swing.JScrollPane jScrollPane1;
00170     private javax.swing.JTextArea ourStory;
00171     // End of variables declaration //GEN-END: variables
00172 }

```

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     private void initComponents() {
00043
00047         jPanel1 = new javax.swing.JPanel();
00048         jLabel1 = new javax.swing.JLabel();
00049         jLabel3 = new javax.swing.JLabel();
00050         jUsernameTxt = new javax.swing.JTextField();
00051         jUserTypeCombo = new javax.swing.JComboBox<>();
00052         jButton1 = new javax.swing.JButton();
00053         jPasswordField1 = new javax.swing.JPasswordField();
00054
00055         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
00056         setTitle("Login");
00057         setResizable(false);
00058
00059         jPanel1.setBackground(new java.awt.Color(248, 244, 230));
00060
00061         jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/ui/screenshot.png"))); // NOI18N
00062
00063         jLabel3.setFont(new java.awt.Font("Yu Gothic UI", 1, 24)); // NOI18N
00064         jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
00065         jLabel3.setText("User Login ");
00066

```

```

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
javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true), "Username",
javax.swing.border.TitledBorder.LEFT, javax.swing.border.TitledBorder.TOP, new java.awt.Font("Yu
Gothic UI", 0, 18))); // NOI18N
00071
00072         usertypecmbo.setEditable(true);
00073         usertypecmbo.setFont(new java.awt.Font("Yu Gothic UI", 0, 18)); // NOI18N
00074         usertypecmbo.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "admin", "cashier"
}));
00075         usertypecmbo.addActionListener(new java.awt.event.ActionListener() {
00086             public void actionPerformed(java.awt.event.ActionEvent evt) {
00087                 usertypecmboActionPerformed(evt);
00088             }
00089         });
00090
00091         jButton1.setFont(new java.awt.Font("Yu Gothic UI", 1, 18)); // NOI18N
00092         jButton1.setText("Log In");
00093         jButton1.addActionListener(new java.awt.event.ActionListener() {
00105             public void actionPerformed(java.awt.event.ActionEvent evt) {
00106                 jButton1ActionPerformed(evt);
00107             }
00108         });
00109
00110         jPasswordField1.setFont(new java.awt.Font("Thonburi", 0, 18)); // NOI18N
00111         jPasswordField1.setHorizontalAlignment(javax.swing.JTextField.CENTER);
00112
jPasswordField1.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)), "Password", javax.swing.border.TitledBorder.LEFT,
javax.swing.border.TitledBorder.TOP, new java.awt.Font("Lucida Grande", 0, 18))); // NOI18N
00113
00114         javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
00115         jPanel1.setLayout(jPanel1Layout);
00116         jPanel1Layout.setHorizontalGroup(
00117             jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00118                 .addGroup(jPanel1Layout.createSequentialGroup()
00119                     .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00120                         .addGroup(jPanel1Layout.createSequentialGroup()
00121                             .addGap(132, 132, 132)
00122                             .addComponent(jLabel1))
00123                         .addGroup(jPanel1Layout.createSequentialGroup()
00124                             .addGap(61, 61, 61)
00125                             .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 309,
javax.swing.GroupLayout.PREFERRED_SIZE))
00126                         .addGroup(jPanel1Layout.createSequentialGroup()
00127                             .addGap(74, 74, 74)
00128                             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00129                                 .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE,
311, javax.swing.GroupLayout.PREFERRED_SIZE)
00130                                 .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 311,
javax.swing.GroupLayout.PREFERRED_SIZE)
00131                                 .addComponent(usertypecmbo, javax.swing.GroupLayout.PREFERRED_SIZE, 311,
javax.swing.GroupLayout.PREFERRED_SIZE)))
00132                     .addGroup(jPanel1Layout.createSequentialGroup()
00133                         .addGap(146, 146, 146)
00134                         .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
javax.swing.GroupLayout.PREFERRED_SIZE))
00135                     .addGap(86, Short.MAX_VALUE))
00136                 );
00137         jPanel1Layout.setVerticalGroup(
00138             jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00139                 .addGroup(jPanel1Layout.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,
javax.swing.GroupLayout.PREFERRED_SIZE)
00144                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
00145                     .addComponent(usernametxt, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00146                     .addGap(18, 18, 18)
00147                     .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
00148                     .addGap(18, 18, 18)
00149                     .addComponent(usertypecmbo, javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE)
00150                     .addGap(18, 18, 18)
00151                     .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)
00152                     .addGap(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(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
00160         );
00161         layout.setVerticalGroup(
00162             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
00163                 .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
00164         );
00165
00166         pack();
00167         setLocationRelativeTo(null);
00168     } // </editor-fold> // GEN-END: initComponents
00169
00181     private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
    { // GEN-FIRST: event_jButton1ActionPerformed
00182         if (usernameetxt.getText().equalsIgnoreCase("admin") &&
jPasswordField1.getText().equalsIgnoreCase("admin") &&
usertypecmb0.getSelectedItems().toString().equalsIgnoreCase("admin")) {
00183
00184             new AdminLogin().setVisible(true);
00185         }
00186         else if (usertypecmb0.getSelectedItems().toString().equalsIgnoreCase("cashier")) {
00187
00188             new Cashier(usernameetxt.getText()).setVisible(true);
00189         }
00190     } // GEN-LAST: event_jButton1ActionPerformed
00191
00202     private void usertypecmb0ActionPerformed(java.awt.event.ActionEvent evt)
    { // GEN-FIRST: event_usertypecmb0ActionPerformed
00203         // TODO add your handling code here:
00204     } // GEN-LAST: event_usertypecmb0ActionPerformed
00205
00209     public static void main(String args[]) {
00210         /* Set the Nimbus look and feel */
00211         //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
00212         /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
00213          * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
00214          */
00215         try {
00216             for (javax.swing.UIManager.LookAndFeelInfo info :
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
00224             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00225
00226             } catch (InstantiationException ex) {
00227
00228             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00229
00230             } catch (IllegalAccessException ex) {
00231
00232             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00233
00234             } catch (javax.swing.UnsupportedLookAndFeelException ex) {
00235
00236             java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
00237
00238             }
00239         } //</editor-fold>
00240
00241         /* Create and display the form */
00242         java.awt.EventQueue.invokeLater(new Runnable() {
00243             public void run() {
00244                 new Login().setVisible(true);
00245             }
00246         });
00247     }
00248
00249     // Variables declaration - do not modify // GEN-BEGIN: variables
00250     private javax.swing.JButton jButton1;
00251     private javax.swing.JLabel jLabel1;
00252     private javax.swing.JLabel jLabel3;
00253     private javax.swing.JPanel jPanel1;
00254     private javax.swing.JPasswordField jPasswordField1;
00255     private javax.swing.JTextField usernameetxt;
00256     private javax.swing.JComboBox<String> usertypecmb0;
00257     // End of variables declaration // GEN-END: variables

```

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 = HttpClient.newBuilder()
00041             .uri(URI.create(baseUrl + path))
00042             .GET()
```

```

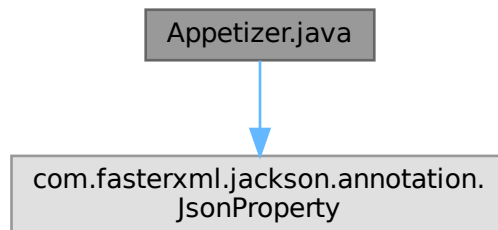
00043         .header("Accept", "application/json")
00044         .build();
00045     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00046     return mapper.readValue(res.body(), responseType);
00047 }
00048
00058 private <T> List<T> getList(String path, TypeReference<List<T>> typeRef) throws Exception {
00059     HttpRequest req = HttpRequest.newBuilder()
00060         .uri(URI.create(baseUrl + path))
00061         .GET()
00062         .header("Accept", "application/json")
00063         .build();
00064     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00065     return mapper.readValue(res.body(), typeRef);
00066 }
00067
00078 private <T, R> R post(String path, T body, Class<R> responseType) throws Exception {
00079     String json = mapper.writeValueAsString(body);
00080     HttpRequest req = HttpRequest.newBuilder()
00081         .uri(URI.create(baseUrl + path))
00082         .POST(HttpRequest.BodyPublishers.ofString(json))
00083         .header("Content-Type", "application/json")
00084         .build();
00085     HttpResponse<String> res = http.send(req, HttpResponse.BodyHandlers.ofString());
00086     return mapper.readValue(res.body(), responseType);
00087 }
00088
00094 public List<Appetizer> getAllAppetizers() throws Exception {
00095     return getList("/api/appetizers", new TypeReference<List<Appetizer>>() {});
00096 }
00097
00104 public Appetizer getAppetizerById(Long id) throws Exception {
00105     return get("/api/appetizers/" + id, Appetizer.class);
00106 }
00107
00114 public Appetizer createAppetizer(Appetizer appetizer) throws Exception {
00115     return post("/api/appetizers", appetizer, Appetizer.class);
00116 }
00117
00125 public Appetizer updateAppetizer(Long id, Appetizer appetizer) throws Exception {
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 }
00135
00141 public void deleteAppetizer(Long id) throws Exception {
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 }
00148
00153 public List<Cashier> getAllCashiers() throws Exception {
00154     return getList("/api/cashiers", new TypeReference<List<Cashier>>() {});
00155 }
00156
00162 public Cashier getCashierById(Long id) throws Exception {
00163     return get("/api/cashiers/" + id, Cashier.class);
00164 }
00165
00171 public Cashier createCashier(Cashier cashier) throws Exception {
00172     return post("/api/cashiers", cashier, Cashier.class);
00173 }
00174
00181 public Cashier updateCashier(Long id, Cashier cashier) throws Exception {
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 }
00191
00196 public void deleteCashier(Long id) throws Exception {
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     }
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
00031 receiptId) {
00032         this.appetizersId = appetizersId;
00033         this.itemAppetizers = itemAppetizers;
00034         this.appetizersPrice = appetizersPrice;
00035         this.receiptId = receiptId;
00036     }
00041     public Long getAppetizersId() { return appetizersId; }
00042 }
```

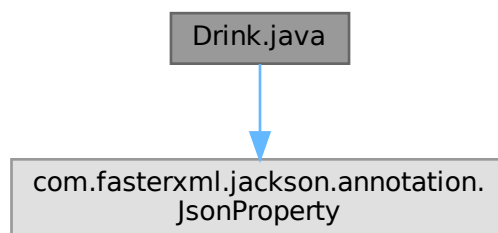
```

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     public Long getReceiptId() { return receiptId; }
00078
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")
00010     private Long drinksId;
00011
00012     @JsonProperty("itemDrinks")

```



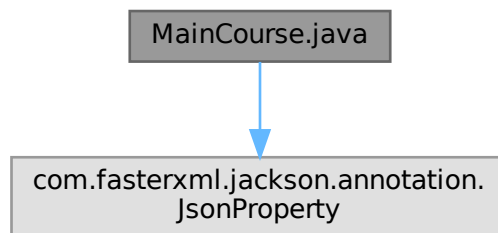
```

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) {
00031         this.drinksId = drinksId;
00032         this.itemDrinks = itemDrinks;
00033         this.drinksPrice = drinksPrice;
00034         this.receiptId = receiptId;
00035     }
00036
00041     public Long getDrinksId() { return drinksId; }
00042
00047     public void setDrinksId(Long drinksId) { this.drinksId = drinksId; }
00048
00053     public String getItemDrinks() { return itemDrinks; }
00054
00059     public void setItemDrinks(String itemDrinks) { this.itemDrinks = itemDrinks; }
00060
00065     public Integer getDrinksPrice() { return drinksPrice; }
00066
00071     public void setDrinksPrice(Integer drinksPrice) { this.drinksPrice = drinksPrice; }
00072
00077     public Long getReceiptId() { return receiptId; }
00078
00083     public void setReceiptId(Long receiptId) { this.receiptId = receiptId; }
00084 }

```

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")
00010     private Long foodId;
00011
00012     @JsonProperty("itemFood")
00013     private String itemFood;
00014
00015     @JsonProperty("foodPrice")
00016     private Integer foodPrice;
00017
00018     @JsonProperty("receiptId")
00019     private Long receiptId;
00020
00021     public MainCourse() {}
00022
00030     public MainCourse(Long foodId, String itemFood, Integer foodPrice, Long receiptId) {
00031         this.foodId = foodId;
00032         this.itemFood = itemFood;
00033         this.foodPrice = foodPrice;
00034         this.receiptId = receiptId;
00035     }
00036
00041     public Long getFoodId() { return foodId; }
00042
00047     public void setFoodId(Long foodId) { this.foodId = foodId; }
00048
00053     public String getItemFood() { return itemFood; }
00054
00059     public void setItemFood(String itemFood) { this.itemFood = itemFood; }
00060
00065     public Integer getFoodPrice() { return foodPrice; }
00066
00071     public void setFoodPrice(Integer foodPrice) { this.foodPrice = foodPrice; }
00072
00077     public Long getReceiptId() { return receiptId; }
00078
00083     public void setReceiptId(Long receiptId) { this.receiptId = receiptId; }
00084 }
```