

User Manual – FINVORY



This user manual aims to guide users step by step through the FINVORY system, allowing them to use all its functionalities without the need for technical assistance or support from a programmer. The system offers two types of accounts: Company Account and Personal Account. Each account type has specific functionalities, which are clearly and orderly described in this document.

System Requirements

- The user must have an Authenticator application installed for two-step verification.
- The user must have JDK 24 correctly installed and configured on the system to ensure proper execution of the program.

Company Account

1. Registration and Use of Company Account

1.1 Company Account Registration

To register a company account, the user must select the option “SIGN UP”, which will redirect them to the registration window. In this section, the user must choose the option “Cuenta de Empresa”. Next, the system will request the required information, such as the company name, email address, and password, in order to complete the registration process.

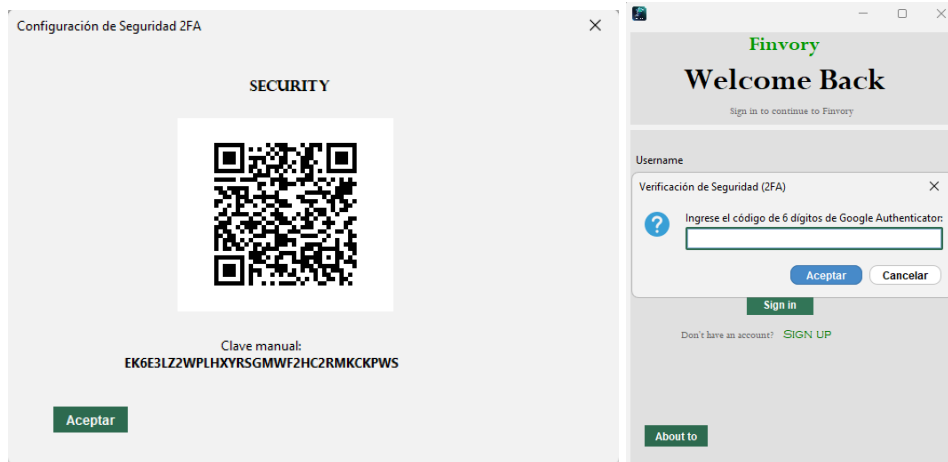
The image displays two side-by-side screenshots of the Finvory web application interface.

The left screenshot shows the login page with the Finvory logo and the text "Welcome Back". Below this, there are input fields for "Username" and "Password", a "Sign in" button, and a link "Don't have an account? SIGN UP". The "SIGN UP" link is highlighted with a red box, and a red arrow points to it. There is also an "About to" button at the bottom left.

The right screenshot shows the "REGISTRO DE USUARIO" (User Registration) page. It has a header "ESCOGA EL TIPO DE CUENTA:" (Choose the type of account:). Below this, there are two tabs: "CUENTA EMPRESA" (Company Account) and "CUENTA PERSONAL" (Personal Account). The "CUENTA EMPRESA" tab is selected. The form fields include: "NOMBRE DE LA EMPRESA:" (Company Name), "RUC:", "CELULAR/TELEFONO:" (Cellular/Phone), "EMAIL:", "DIRECCIÓN:" (Address), "PAÍS:" (Country), "CIUDAD:" (City), "CALLE:" (Street), "USUARIO:" (Username), and "CONTRASEÑA:" (Password). At the bottom, there are "Registrar" (Register) and "Cancelar" (Cancel) buttons.

1.2 Authentication with Authenticator

Once the registration process is completed, the system will request the configuration of two-step authentication using an Authenticator application. To do so, the user must scan the provided QR code and press the “Aceptar” button. Subsequently, the system will redirect the user to the login window, where they must enter their username and password. Finally, the system will request confirmation of the verification code generated by the Authenticator application to complete the authentication process.



1.3 Company Account Main Menu

After logging in, the Main Menu will be displayed, from which the user can access the options Inventarios, Proveedores, Clientes, Ventas, Reportes, and Administración.



1.4 Finvory Item

In the “Finvory” menu, the user can access the options “Mi Perfil”, “Salir”, and “Cerrar Programa”. The option “Salir” allows the user to return to the login window, while “Cerrar Programa” completely closes the system.



When selecting the option “Mi Perfil”, the user can view and edit their account information. This section is divided into General Information, where the user can change their password; General Address, which allows management of location data; and Price Configuration, where profit margins, applied product taxes, and discounts based on customer type are defined.

Información General

COMPASÍA:

RUC:

CELULAR:

EMAIL:

USUARIO:

CONTRASEÑA:

Dirección General

PAÍS:

CIUDAD:

CALLE:

CÓDIGO POSTAL:

NÚMERO DE CALLE:

REGIÓN:

Configuración de Precios

IMPUESTO APLICADO:

GANANCIA POR PRODUCTO:

Descuentos por Clientes:

DESCUENTO ESTÁNDAR:

DESCUENTO PREMIUM:

DESCUENTO VIP:

1.5 Management Item

In the “Gestión” section, the user has access to the options “Clientes”, “Inventarios”, and “Proveedores”.



- Clients

In this section, the user can view a table displaying the registered client data, including ID, names, phone number, email address, and customer type.



The screenshot shows a window titled 'Finvory' with the subtitle 'CLIENTES REGISTRADOS'. Below the title is a section labeled 'LISTA DE CLIENTES' containing a table with the following data:

ID 1 (RUC)	Nombre Compl...	Telefono	Email	Type
Olga	0017654542312	0976787769	olga@gmail.com	PREMIUM
Sebastian	0018988987887	0976789879	sebas@gmail.c...	STANDARD
Maria Paula Castillo	1722339201	0962738265	maripau@gm...	STANDARD
Valentina Cama...	1722553748	0917264829	vale@gmail.com	PREMIUM

Below the table are three buttons: 'Editar', 'Borrar', and 'Agregar'.

To add a client, the user must select the add button, which will display a window where the corresponding client information must be entered, and the customer type must be assigned.



The screenshot shows a window titled 'REGISTRO CLIENTE' with the following form fields:

- NOMBRE COMPLETO:
- ID (RUC./CI):
- TELÉFONO:
- EMAIL:
- TIPO:

At the bottom are three buttons: 'Agregar', 'Cancelar', and 'Volver'.

If the user wishes to edit the information of a registered client, they must select the client from the table. Once selected, the edit and delete options will be enabled. All client data can be modified except for the RUC or identification number (CI).

REGISTRO CLIENTE

NOMBRE COMPLETO:

ID (RUC/CI):

TELÉFONO:

EMAIL:

TIPO:

To delete a client, the user must select the client from the table, press the delete option, and confirm the action in the confirmation message displayed by the system.

CLIENTES REGISTRADOS

LISTA DE CLIENTES

ID 1 (RUC)	Nombre	Type
Olga	Olga	REMIUM
Sebastian	Sebastian	TANDARD
Maria Paula Ca...	Maria Paula Ca...	TANDARD
Valentina Cama...	Valentina Cama...	REMIUM

- Inventories

In this section, the user can select previously registered inventories for viewing.

Inventories

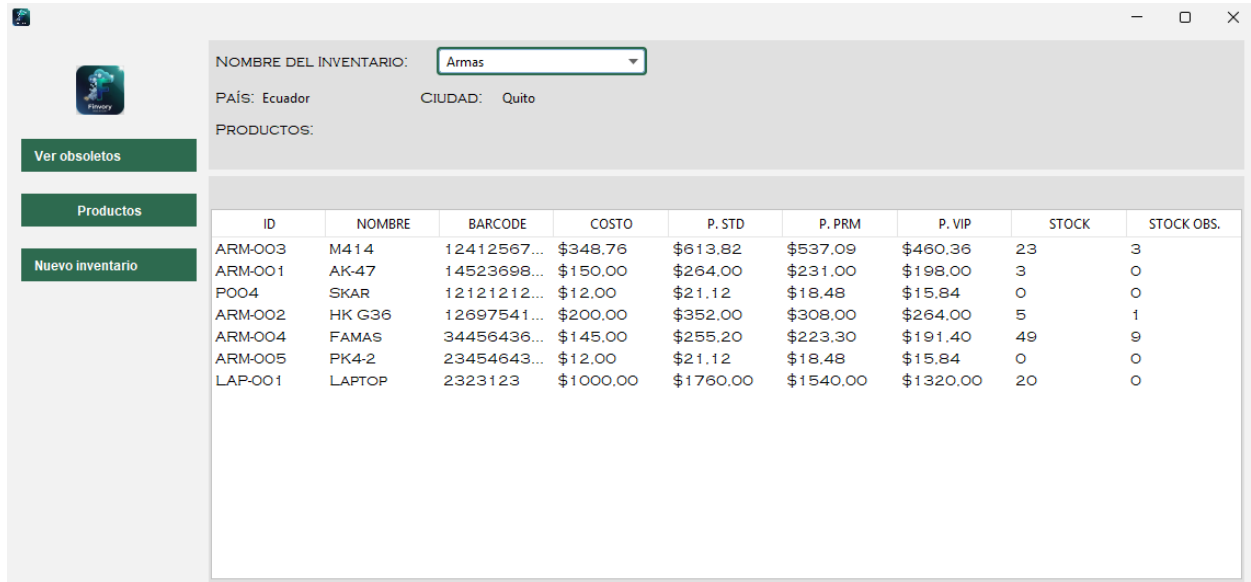
NOMBRE DEL INVENTARIO:

PAÍS:

PRODUCTOS:

ID	NOMBRE	BARCODE	COSTO	P. STD	P. PRM	P. VIP	STOCK	STOCK OBS.
----	--------	---------	-------	--------	--------	--------	-------	------------

Once an inventory is selected, the system will display information about the registered products, including prices for different customer types (STD: Standard, PRM: Premium, and VIP), available stock, and the stock of products located in the obsolete section.



NOMBRE DEL INVENTARIO:

PAÍS: Ecuador CIUDAD: Quito

PRODUCTOS:

ID	NOMBRE	BARCODE	COSTO	P. STD	P. PRM	P. VIP	STOCK	STOCK OBS.
ARM-003	M414	12412567...	\$348.76	\$613.82	\$537.09	\$460.36	23	3
ARM-001	AK-47	14523698...	\$150.00	\$264.00	\$231.00	\$198.00	3	0
PO04	SKAR	12121212...	\$12.00	\$21.12	\$18.48	\$15.84	0	0
ARM-002	HK G36	12697541...	\$200.00	\$352.00	\$308.00	\$264.00	5	1
ARM-004	FAMAS	34456436...	\$145.00	\$255.20	\$223.30	\$191.40	49	9
ARM-005	PK4-2	23454643...	\$12.00	\$21.12	\$18.48	\$15.84	0	0
LAP-001	LAPTOP	2323123	\$1000.00	\$1760.00	\$1540.00	\$1320.00	20	0

Additionally, the user will see the options “Ver Obsoletos”, “Productos”, “Nuevo Inventario”, and the program icon, which allows returning to the main menu when selected.

- **View Obsolete**

In the “Ver Obsoletos” option, the system will display a window showing the inventory of products registered as obsolete.

In this window, the user can search for products by their ID and view a table containing all product information, including the reason for return, such as incorrect purchase, defective product, or other reasons, as well as the registered quantity.

Finvory

Gestión

INVENTARIO DE OBSOLETOS

ID DEL PRODUCTO:

Buscar

UBICACIÓN:

CANTIDAD:

ID	NOMBRE	MOTIVO	FECHA	CANTIDAD
ARM-004	Famas	Compra Incorrecta	2026-02-03	2
ARM-002	HK G36	Defectuoso	2026-02-03	1
ARM-003	M414	Compra Incorrecta	2026-02-03	2
ARM-004	Famas	Defectuoso	2026-02-03	4
ARM-003	M414	Otro	2026-02-03	1
ARM-004	Famas	Otro	2026-02-03	3

Within this window, at the top, there is the Gestión option, from which the user can discard an obsolete product, reassign it to an inventory, or register a return.

Finvory

Gestión

Productos

Registrar Devolución

Desechar

Reasignar

BSOLETOS

ID DEL PRODUCTO:

Buscar

UBICACIÓN:

CANTIDAD:

ID	NOMBRE	MOTIVO	FECHA	CANTIDAD
ARM-004	Famas	Compra Incorrecta	2026-02-03	2
ARM-002	HK G36	Defectuoso	2026-02-03	1
ARM-003	M414	Compra Incorrecta	2026-02-03	2
ARM-004	Famas	Defectuoso	2026-02-03	4
ARM-003	M414	Otro	2026-02-03	1
ARM-004	Famas	Otro	2026-02-03	3

If the user selects the “Desechar” option, they can completely discard an obsolete product. To do so, the user must select the product from the table, after which the system will display a message requesting the quantity to discard, which cannot exceed the registered quantity.

The screenshot shows a web application window titled "Finvory Gestión" with a sub-header "INVENTARIO DE OBSOLETOS". Below the header, there are input fields for "ID DEL PRODUCTO:" and "UBICACIÓN:", followed by a green "Buscar" button. A table lists obsolete products with columns for ID, location, product name, reason, date, and quantity. A modal dialog titled "Entrada" is open, asking for the "Cantidad a desechar de la fila seleccionada: (Máximo: 2)". The dialog has "Aceptar" and "Cancelar" buttons.

ID	UBICACIÓN	PRODUCTO	CAUSA	FECHA	CANTIDAD
ARM-004	F	Famas	Defectuoso	2026-02-03	2
ARM-002	H				1
ARM-003	N				2
ARM-004	Famas				4
ARM-003	M414	Otro		2026-02-03	1
ARM-004	Famas	Otro		2026-02-03	3

If the user selects the “Reassignar” option, they can send an obsolete product to a specific inventory of their choice. The system will request the quantity to be reassigned, which cannot be greater than the registered quantity.

The image shows two side-by-side modal dialogs. The left dialog, titled "Reasignar", has a question mark icon and a "Destino:" label with a dropdown menu showing "Bombas". It has "Aceptar" and "Cancelar" buttons. The right dialog, titled "Entrada", has a question mark icon and text asking to "Ingrese cantidad para Famas (Máximo permitido: 4):". It has a text input field and "Aceptar" and "Cancelar" buttons.

In the “Registrar Devolución” option, the user can record a product return by entering its ID, quantity, reason, and return date. Once all the data is completed, the user must confirm the return for the record to be saved.

To return to the inventories menu from this window, the user must select the “Inventarios” option.

○ Products

In the “Productos” option, the user can view the list of products registered in the selected inventory.

In this section, all product information is displayed, including prices for each customer type, available stock, and stock corresponding to obsolete products.

ID	Nombre	Barcode	Costo	P.Standard	P.Premium	P.Vip	Stock	Stock (Obs)
ARM-003	M414	1241256789...	\$348,76	\$613,82	\$537,09	\$460,36	0	3
ARM-001	AK-47	1452369874...	\$150,00	\$264,00	\$231,00	\$198,00	0	0
P004	Skar	12121212221	\$12,00	\$21,12	\$18,48	\$15,84	0	0
ARM-002	HK G36	1269754126...	\$200,00	\$352,00	\$308,00	\$264,00	0	1
ARM-004	Famas	3445643653...	\$145,00	\$255,20	\$223,30	\$191,40	0	9

To register a new product, the user must select the option “Agregar nuevo producto”, which will display a registration form window. In this form, the user can select a previously registered supplier, and the inventory shown will be the one currently selected.



The screenshot shows a web form titled "NUEVO PRODUCTO" with a light gray background and a white border. The form contains the following fields and controls:

- ID (SKU):** A text input field.
- CODIGO DE BARRAS:** A text input field.
- NOMBRE DEL PRODUCTO:** A text input field.
- DESCRIPCION:** A larger text input field.
- PRECIO DE COSTO:** A text input field.
- STOCK INICIAL:** A text input field.
- SELECCIONE EL PROVEEDOR DEL PRODUCTO:** A dropdown menu with the placeholder text "Seleccione Proveedor..."
- SELECCIONE EL INVENTARIO PARA EL STOCK INICIAL:** A dropdown menu with the selected value "Cumbaya".
- Buttons:** Two green buttons at the bottom right: "GUARDAR" and "Cancelar".

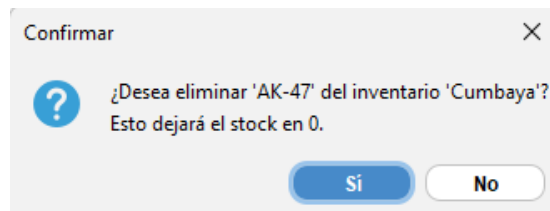
If the user wishes to edit a product, they must select it from the table and press the “Editar” button. In this option, all fields can be modified except for the product ID and the assigned inventory.



The screenshot shows a web form titled "EDITAR PRODUCTO" with a light gray background and a white border. The form contains the following fields and controls:

- ID (SKU):** A text input field containing the value "ARM-003".
- CODIGO DE BARRAS:** A text input field containing the value "1241256789000".
- NOMBRE DEL PRODUCTO:** A text input field containing the value "M414".
- DESCRIPCION:** A larger text input field containing the value "Distancia media".
- PRECIO DE COSTO:** A text input field containing the value "348.76".
- STOCK INICIAL:** A text input field containing the value "0".
- SELECCIONE EL PROVEEDOR DEL PRODUCTO:** A dropdown menu with the selected value "Cristiano Ronaldo dos Santos Aveiro (ID: 1...)".
- SELECCIONE EL INVENTARIO PARA EL STOCK INICIAL:** A dropdown menu with the selected value "Cumbaya".
- Buttons:** Two green buttons at the bottom right: "ACTUALIZAR" and "Cancelar".

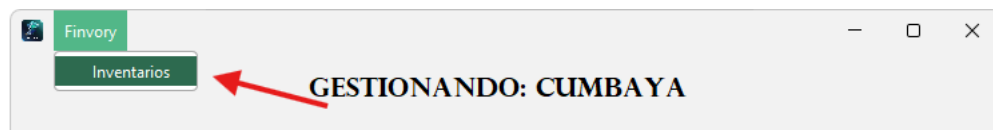
To delete a product, the user must select it from the table and press the “Eliminar” option. The system will display a confirmation message before completing the action.



The “Mover Productos” option allows the user to transfer the entire stock of a product to another inventory previously registered in the system.



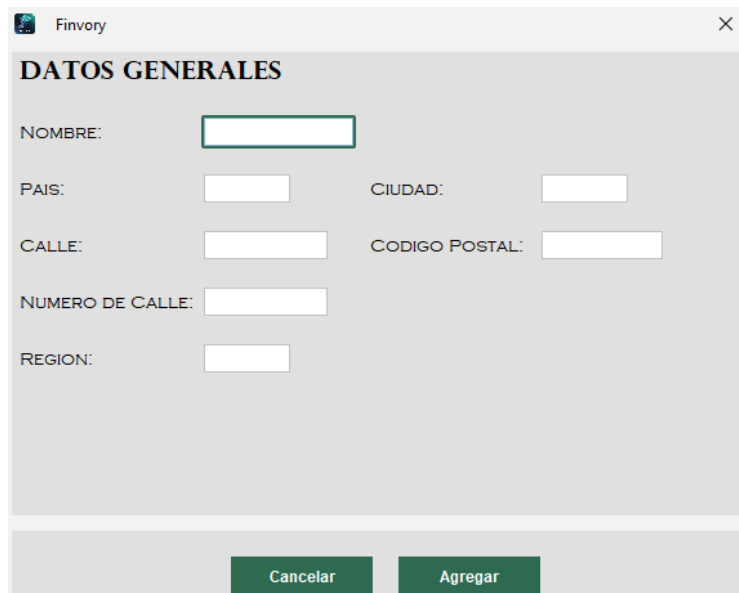
To return to the inventories menu, the user must select the “Inventarios” option.



- **New Inventory**

In the “Nuevo Inventario” option, the user can register a new inventory in the system.

To complete the registration, the user must enter the required information in the corresponding form, such as the inventory name, country, and city, as shown on the registration screen.



The screenshot shows a window titled 'Finvory' with a close button (X) in the top right corner. The main content area is titled 'DATOS GENERALES' and contains several text input fields for registration. The fields are arranged in a form with labels on the left and input boxes on the right. At the bottom of the window, there are two green buttons: 'Cancelar' and 'Agregar'.

NOMBRE:	<input type="text"/>		
PAIS:	<input type="text"/>	CIUDAD:	<input type="text"/>
CALLE:	<input type="text"/>	CODIGO POSTAL:	<input type="text"/>
NUMERO DE CALLE:	<input type="text"/>		
REGION:	<input type="text"/>		

Cancelar Agregar

- **Suppliers**

In the “Proveedores” option, within the Inventories menu, the user can access information about the suppliers registered in the system.

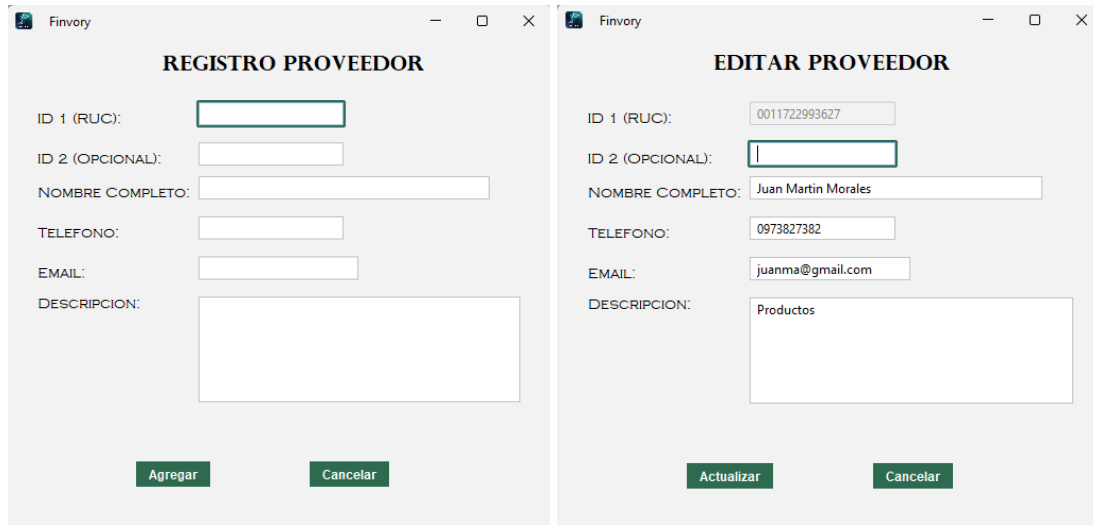


The screenshot shows a window titled 'Finvory' with standard window controls (minimize, maximize, close) in the top right corner. The main content area is titled 'PROVEEDORES REGISTRADOS' and contains a table titled 'LISTA DE PROVEEDORES'. The table has four columns: 'ID 1 (RUC)', 'Nombre Completo', 'Telefono', and 'Email'. There are two rows of data. At the bottom of the window, there are three buttons: 'Editar', 'Borrar', and 'Agregar'.

ID 1 (RUC)	Nombre Completo	Telefono	Email
1254784513	Cristiano Ronaldo d...	0999986553	elbicho@gmail.com
0011722993627	Juan Martin Morales	0973827382	juanma@gmail.com

Editar Borrar Agregar

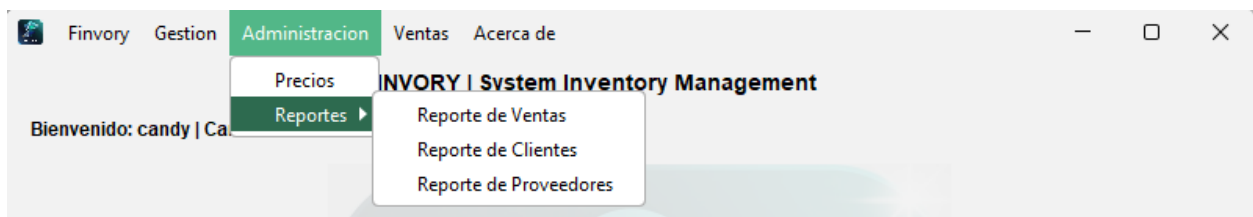
In this section, the user can add new suppliers, as well as edit and delete existing suppliers as needed.



ID	NOMBRE COMPLETO	TELEFONO	EMAIL
12547845			
00117229	Juan Martin Morales	0973827382	juanma@gmail.com

1.6 Administration Item

In the “Administración” section, the user has access to the options “Precios” and “Reportes”.



- Prices

In the “Precios” option, the user can update the profit applied to products, the discounts assigned to each customer type, and the tax rate configured in the system.



CONFIGURACION DE PRECIOS

ALGORITMO DE PRECIOS

GANANCIA: 0.0

DESCUENTO STANDARD: 0.0

DESCUENTO PREMIUM: 0.0

DESCUENTO VIP: 0.0

TASA DE IMPUESTO

TASA DE IMPUESTO ACTUAL: 0.15

Volver Actualizar Cancelar

- Reports

In the “Reportes” option, the system offers three types of reports, which allow the user to filter information using a date range and export the generated results.

○ Sales Report

In the Sales Report, the user can view information related to issued invoices, customers, and sales totals, with the system automatically calculating total sales.



REPORTE DE VENTAS

FECHA INICIO: 

FECHA FIN: 

Filtrar

ID Factura	Fecha	Cliente	Subtotal	Total
F-1	2025-10-19	Olga	150,00	172,50
F-5	2025-11-29	Sebastian	300,00	345,00
F-3	2025-10-19	Sebastian	1300,00	1495,00
F-2	2025-10-19	Sebastian	500,00	575,00

TOTAL VENTAS: \$3536,16

Refrescar Exportar

Within the section Report – Ventas Brutas, the user can obtain information related to daily gross revenue and historical gross revenue generated by the company.

Finvory **Reporte** Productos

Ventas Brutas **REPORTE DE VENTAS**

Reporte de Ventas Brutas

Total Ventas Brutas Hoy: **\$0,00**

Total Ventas Brutas Histórico: **\$0,00**

Número de Facturas: **0**

Desde:

Hasta:

☐ Incluir Facturas Pendientes

☒ Por Día

☐ Por Factura

Filtrar

Fecha	Facturas	Bruto	Neto	Total (con IVA)
-------	----------	-------	------	-----------------

Total Bruto: **\$0,00**

Refrescar **Exportar**

In the option Productos – Productos Demandados, the user can view a table showing the products with the highest demand, calculated based on the invoices registered in the system.

RANKING DE PRODUCTOS MÁS DEMANDADOS

Producto	Cantidad Vendida
AK-47	11
HK G36	6

Exportar

- **Customer Report**

In the Customer Report, the user can view customer activity, including data such as purchase frequency and total amount invested.

Cliente	Frecuencia de Compra	Monto Invertido
Olga	1	776,16

- **Supplier Report**

In the Supplier Report, the system displays a table showing the quantity of products supplied by each registered supplier.

Proveedor	Productos Suministrados
Cristiano Ronaldo dos Santos Aveiro	3

1.7 Sales Item

In the option Ventas – Nueva Venta, the user can search for clients using their name or identification number (CI).




In this section, the invoice number is automatically generated along with the corresponding date. Afterwards, by selecting the option “Gestionar Lista”, the user can choose the products, enter the desired quantity, and confirm the sale. The system automatically performs all corresponding calculations.

 This screenshot shows the 'Nueva Venta' form. At the top, there are fields for 'VENTA NO.' (FAC-1770271423923) and 'FECHA:' (2026-02-05), with a 'Buscar' button. Below these are fields for 'CLIENTE:' including 'CI:', 'NOMBRE:', 'CELULAR:', 'TIPO DE CLIENTE:', and 'EMAIL:'. There are also radio buttons for 'TIPO DE PAGO:' with options 'EFFECTIVO', 'TRANSFERENCIA', and 'CHEQUE'. A table with columns 'ID', 'CANTIDAD', 'DESCRIPCION', and 'PRECIO' is present. At the bottom left, a 'Gestionar lista' button is highlighted with a red box and a red arrow. To the right of this button are fields for 'SUBTOTAL:', 'IMPUESTO:', and 'TOTAL VENTA:'. At the very bottom are 'Confirmar' and 'Cancelar' buttons.

 This screenshot shows a dialog box titled 'AGREGAR/ELIMINAR PRODUCTO'. It contains input fields for 'ID:', 'CODIGO DE BARRAS:', and 'CANTIDAD:'. There is also a dropdown menu for 'INVENTARIO:' currently showing 'Bombas'. At the bottom of the dialog are two buttons: 'Agregar' (Add) and 'Eliminar' (Remove).

1.8 About Item

In this option, the user can find general information about the program, as well as information about the authors of the system.



Finvory

Inventory Management System

Versión 1.2.0

Developed for OOP Class at ESPE

Team Members

- Joseph Medina
- Maryuri Quiña
- Arelys Otavalo
- Mathews Pastor

All rights reserved.

© 2025 The POOwer Rangers of Programming

Cerrar

Personal Account

2. Registration and Use of Personal Account

2.1 Personal Account Registration

To register a personal account, the user must select the option “SIGN UP”, which will redirect them to the registration window. In this section, the user must choose the option “Cuenta Personal”. Next, the system will request the basic information required to complete the registration.

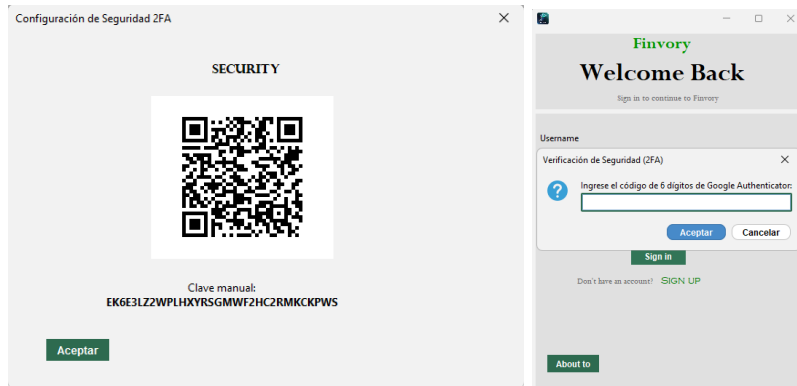
The image displays two side-by-side screenshots of the Finvory web application interface.

The left screenshot shows the login page. At the top, it says "Finvory Welcome Back" with a subtitle "Sign in to continue to Finvory". Below this are input fields for "Username" and "Password", followed by a "Sign in" button. A link "Don't have an account? SIGN UP" is present, with the "SIGN UP" text highlighted by a red box and a red arrow pointing to it. At the bottom left is an "About to" button.

The right screenshot shows the "REGISTRO DE USUARIO" (User Registration) page. It starts with the instruction "ESCOGA EL TIPO DE CUENTA:" (Choose the type of account:). There are two tabs: "CUENTA EMPRESA" (Company Account) and "CUENTA PERSONAL" (Personal Account), with the latter being the active tab. Below the tabs are three input fields: "NOMBRE COMPLETO:" (Full Name), "USUARIO:" (Username), and "CONTRASEÑA:" (Password). A "Registrar" (Register) button is located at the bottom.

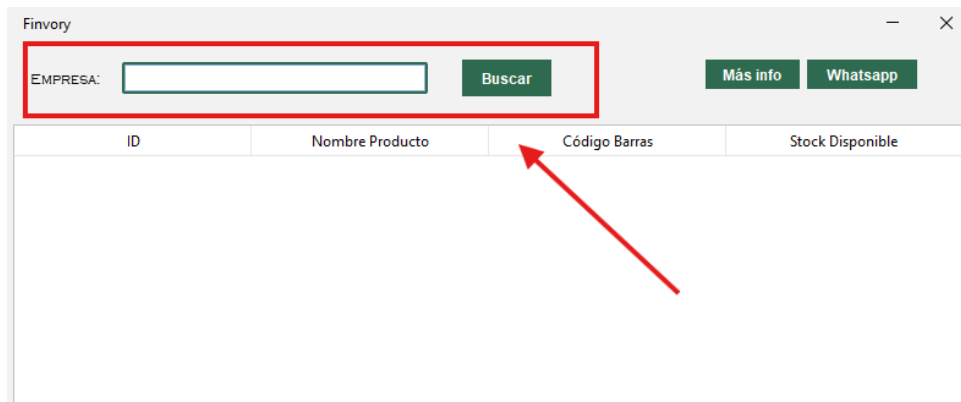
2.2 Authentication with Aunthenticator

Once the registration process is completed, the system will request the configuration of two-step authentication using an Authenticator application. To do so, the user must scan the provided QR code and press the “Aceptar” button. Subsequently, the system will redirect the user to the login window, where they must enter their username and password. Finally, the system will request confirmation of the verification code generated by the Authenticator application to complete the authentication process.



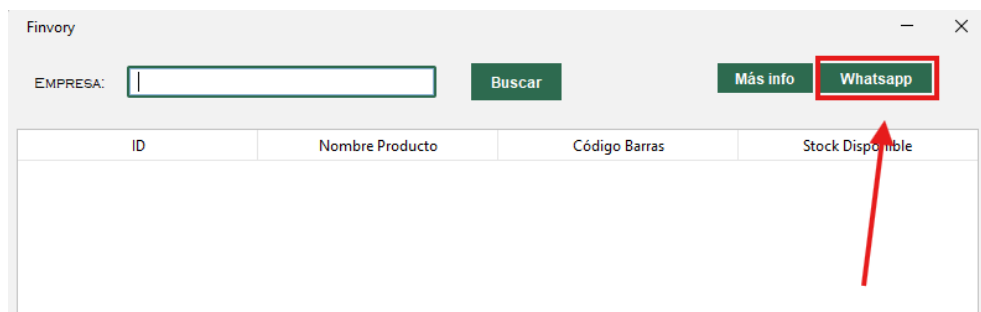
2.3 Personal Account Main Menu

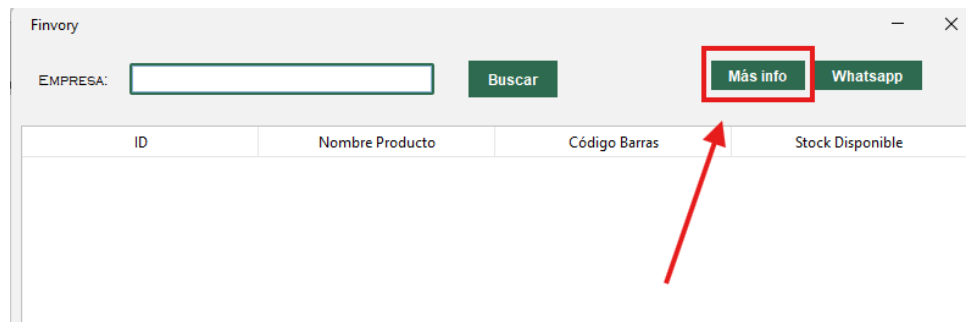
The personal account allows the user to search for companies registered in the system, view available products, and check their availability.



2.4 Contact whit Companies

Through the WhatsApp button, the user can communicate directly with the selected company. Additionally, if the user wants more information about the company, they can select the option “Más info”, where detailed information about the selected company will be displayed.

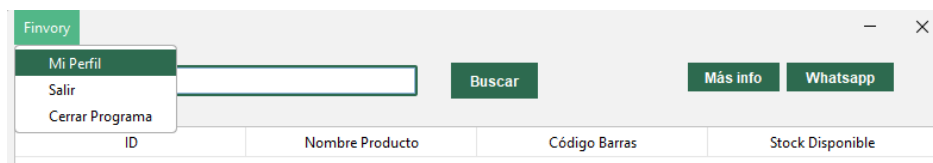




2.5 User Profile

The user can access the “Finvory” menu and select the option “Mi Perfil”. In this section, the user can upload a profile image, edit personal information, and change their password.

From the same menu, the user can also select the option to exit and return to the login window, as well as completely close the program.



The screenshot shows the 'Mi Perfil' (My Profile) form. At the top, there is a blue circular icon with a white 'T' inside. Below this, the form contains three input fields: 'NOMBRE COMPLETO:' with the value 'Maryuri Quiña', 'USUARIO:' with the value 'Maryuri3', and 'CONTRASEÑA:'. Below the 'CONTRASEÑA:' field is a green button labeled 'Cambiar contraseña'. At the bottom right of the form are two green buttons: 'Guardar cambios' and 'Cancelar'.