

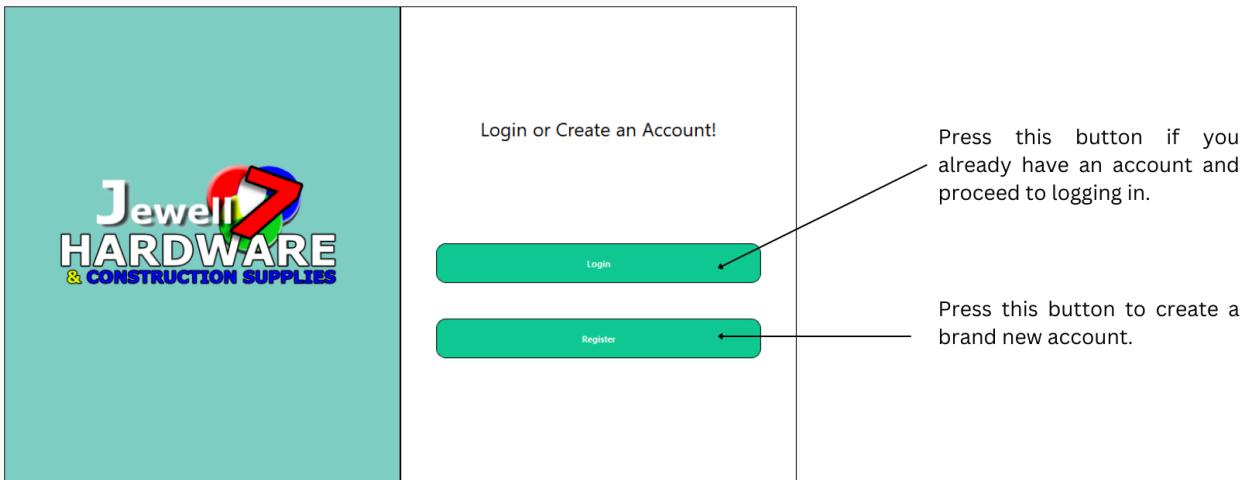


Product Management System with Point of Sale for Jewell 7 Hardware.

USER MANUAL

Published July 07, 2024

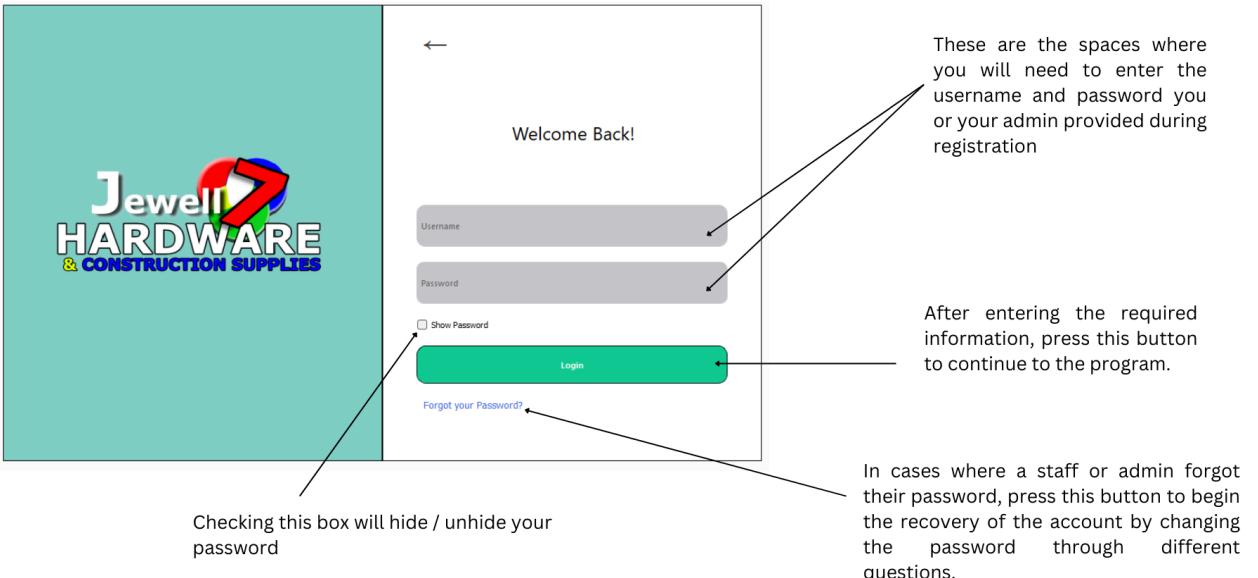
I. Initial Screen

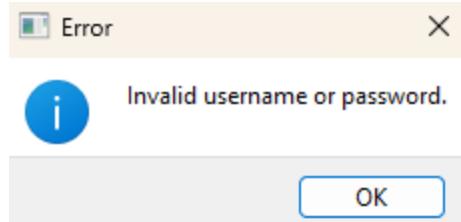


Upon opening the program, the user is greeted with this initial screen which leads to either login or registration.

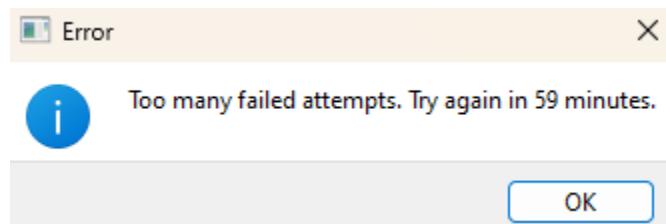
II. Account Login

To login, users must input their registered accounts' username and password.

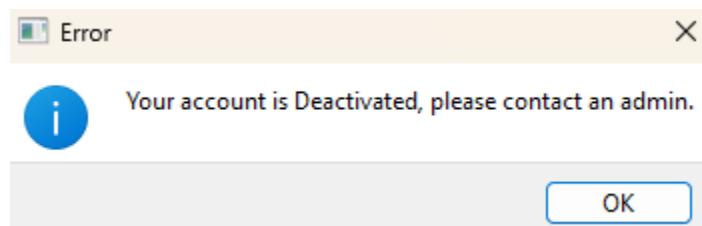




If the password doesn't match the registered username, the following message will appear. Make sure you entered the right details. If you are a staff member and forgot your password, contact your administrator so they can update your account details personally.

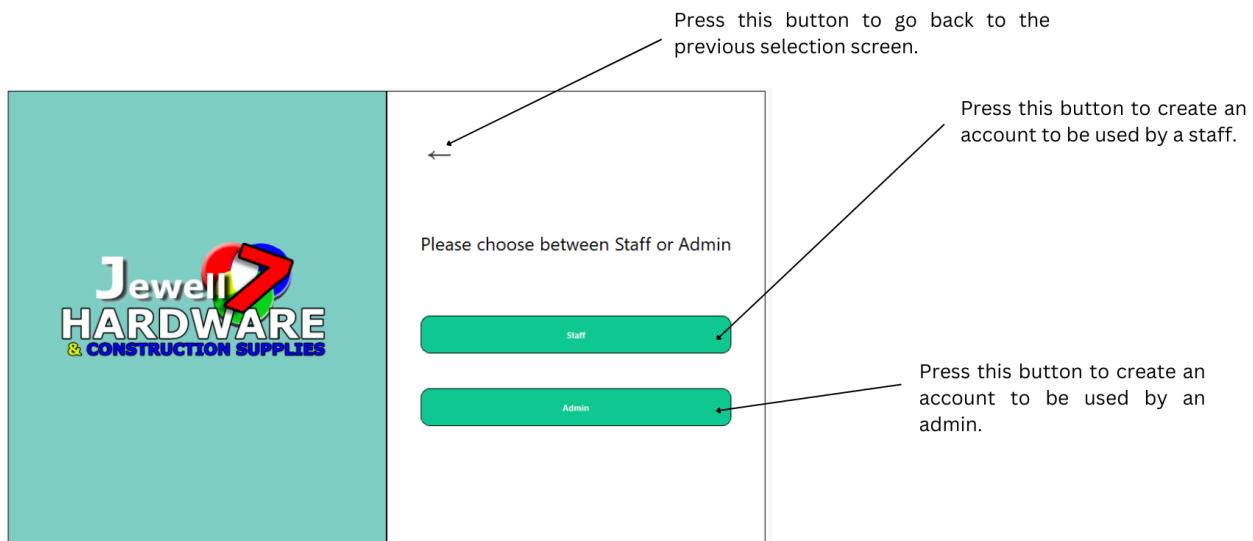


If a user fails to log in 5 times in a row, the system will block further login attempts until a timer expires.

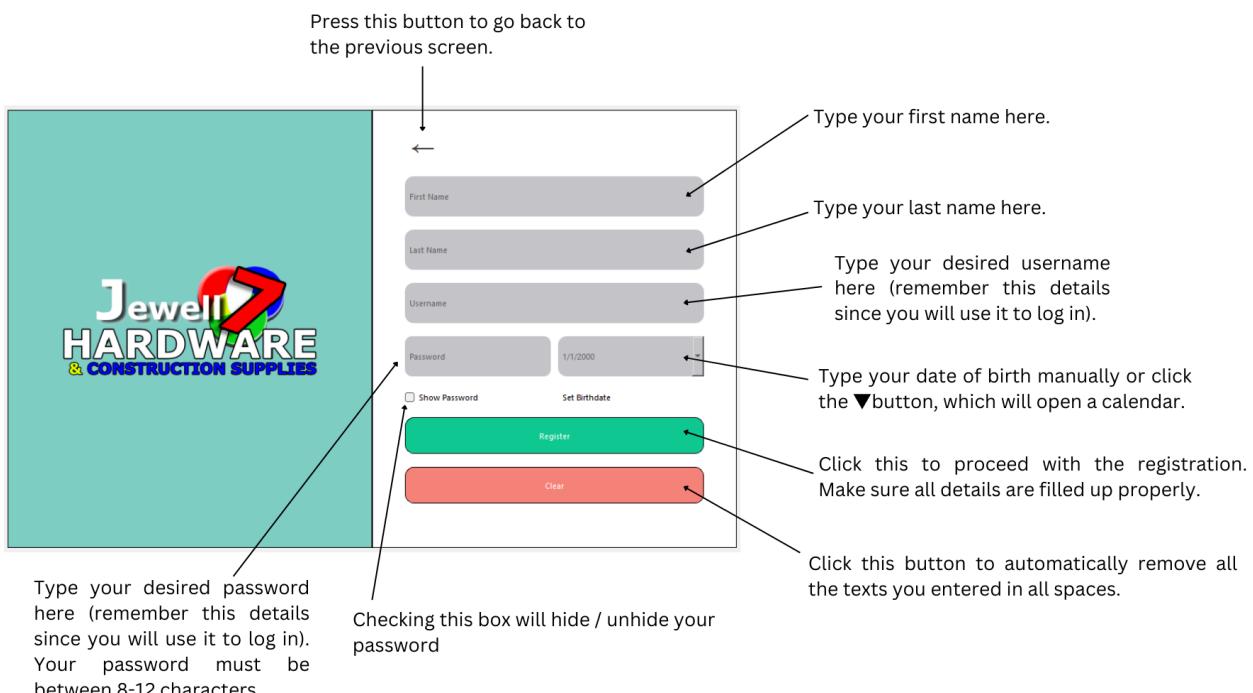


Users with deactivated accounts cannot log in. Please contact your administrator to resolve this issue.

III. Account Registration



Staff Account Registration



Admin Account Registration

Press this button to go back to the previous screen.

Type your first name here.

Type your middle name here.

Type your last name here.

Type your desired username here (remember this details since you will use it to log in).

Type your date of birth manually or Select the date of your birth by clicking the ▾button, which will open a calendar.

Click this to proceed with the registration. Make sure all details are filled up properly.

Click this button to automatically remove all the texts you entered in all spaces.

Type your desired password here (remember this details since you will use it to log in). Your password must be between 8-12 characters.

Checking this box will hide / unhide your password

The screenshot shows a registration form for an admin account. The logo 'Jewell HARDWARE & CONSTRUCTION SUPPLIES' is visible on the left. The form fields include: First Name, Middle Name, Last Name, Username, Password, and Date of Birth (set to 1/1/2000). There are also 'Show Password' and 'Set Birthdate' buttons, and 'Register' and 'Clear' action buttons at the bottom. A back arrow is located at the top left of the form area.

Field	Description
First Name	Type your first name here.
Middle Name	Type your middle name here.
Last Name	Type your last name here.
Username	Type your desired username here (remember this details since you will use it to log in).
Password	Type your desired password here (remember this details since you will use it to log in). Your password must be between 8-12 characters.
Date of Birth	Type your date of birth manually or Select the date of your birth by clicking the ▾button, which will open a calendar.
Show Password	Checking this box will hide / unhide your password
Register	Click this to proceed with the registration. Make sure all details are filled up properly.
Clear	Click this button to automatically remove all the texts you entered in all spaces.

IV. Forgot Password/Changing of Password

Press this button to go back to the previous screen.

Type your date of birth manually or click the ▾button, which will open a calendar.

Type your middle name here.

Type again your new password here, make sure that it's exactly the same with your new password.

Click this to proceed with the changing of password. Make sure all details are filled up properly.

Checking this box will hide / unhide your password

Type your new desired password here (remember this details since you will use it to log in). Your password must be between 8-12 characters.

Forgot and changing of password is only exclusive to the Administrators. Only they can change their account passwords accordingly.

The Admin must input his/her registered birthdate and middle name within the system. Then, the system will check if it matches the Admin's account.

V. Dashboard

Admin Dashboard

The Admin has access to all the modules within the system.



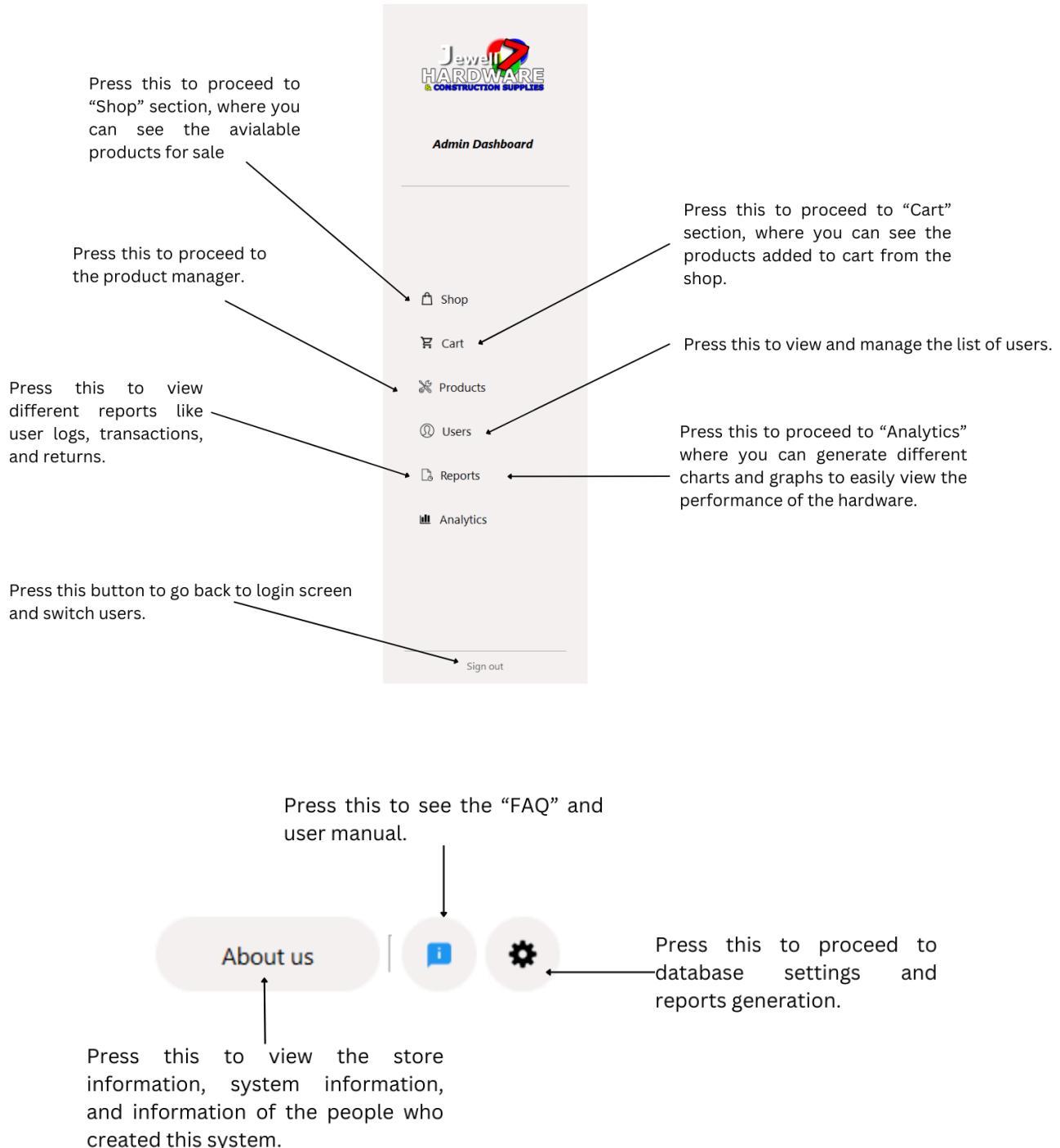
Staff Dashboard

The Staff only has access to Shop, Cart, About Us, Help and Sign out, unlike the admin.



Navigation

These buttons will allow you to navigate throughout the system and perform their corresponding tasks.



VI. Shop

This section of the program will display all the items that are available for sales along with the other crucial information about the different products. In shop, you can search for a specific product, or add a selected product to the cart (the product which is to be purchased by a customer).

After typing the desired product , press this to search among the list.

You can type the product that you want to search here.

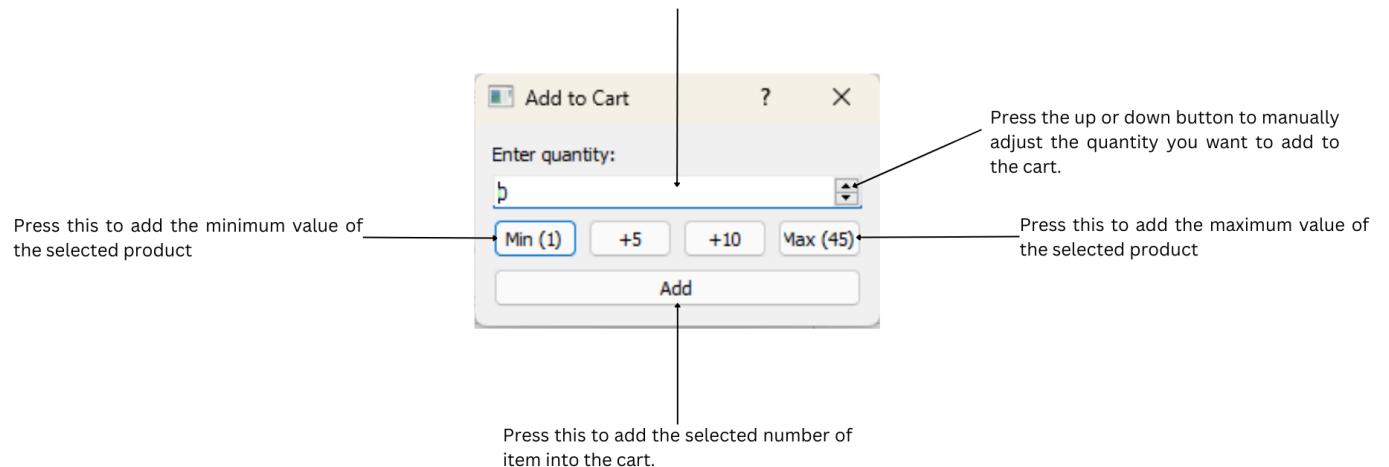
The screenshot shows the Admin Dashboard interface. On the left, there's a sidebar with links: Admin Dashboard, Shop (which is highlighted in green), Cart, Products, Users, Reports, and Analytics. Below the sidebar is a 'Sign out' link. The main content area is titled 'Shop' and contains a search bar with placeholder text 'Search shop...'. Below the search bar is a table with columns: Product, Brand, Variation, Size, Price, Items in Stock, and Category. The table lists various items like Nail Polish ni Vohan, Paint, Hammer, Smartphone, Plywood, Wrench, etc., with their respective details. At the bottom right of the main content area is a green button labeled 'Add to cart' with a shopping cart icon. Arrows from the text annotations point to the search bar and the 'Add to cart' button.

Product	Brand	Variation	Size	Price	Items in Stock	Category
Nail Polish ni Vohan	wana	black	None	69.69	20	cosmetics
Paint	Boysen	Black	10kg	799.99	78	construction
Hammer	Hp	Metal	16mm	949.99	11	tool
Smartphone	BrandB	ModelY	6 inch	599.99	6	gadget
Plywood	None	Oak	None	499.99	16	construction
Wrench	None	Silver	None	299.99	16	tool
Wrench	None	Silver	None	299.99	16	tool
electrical tape	hbw	-	-	11.11	45	tool
electrical tape	hbw	-	-	11.11	45	tool
Keyboard	BrandE	ModelV	Standard	49.99	7	hardware
Plywood	-	Oak	12x16	499.99	17	construction
Paint	x	white	None	89.99	102	construction
Hammer	Acer	Wood	12mm	899.99	13	tool
Cement	max	None	10kg	699.99	22	construction
Wrench	Acer	Gray	None	289.99	18	tool
Mouse	Logi	Pinky	None	999.0	79	hardware
Acrylic Paint	Boysen	Pink	-	99.0	93	construction
Acrylic Paint	-	-	-	99.0	93	construction

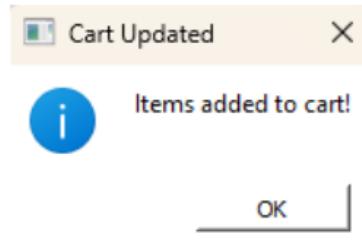
Press this button so that the selected item will be added to the cart.

Add to Cart

Type here the exact number of available product that you want to put into the cart.



After pressing add to cart, this window will pop-up.



A successful checkout will pop this dialog up.

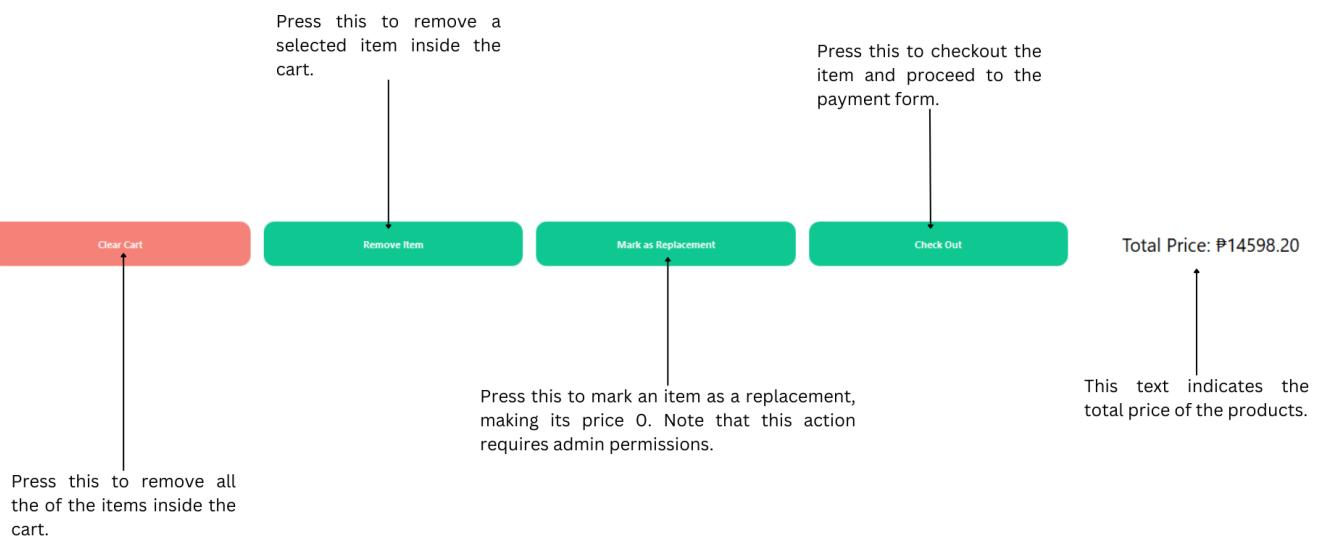
VI. Cart

This section of the program will display all the items that were added to the cart from the shop. In this section, the cashier can perform different tasks to the products that are within the cart.

The screenshot shows the Admin Dashboard for JEWEL HARDWARE & CONSTRUCTION SUPPLIES. On the left sidebar, there are links for Shop, Cart (which is highlighted in green), Products, Users, Reports, and Analytics. The main content area displays a table of items in the cart:

Product	Brand	Variation	Size	Quantity	Total Price
Hammer	Hp	Metal	16mm	5	4749.95
Paint	Boysen	Black	10kg	5	3999.95
Nail Polish mi Yohan	wana	black	None	5	348.45
Wrench	None	Silver	None	5	1499.95
Wrench	None	Silver	None	5	1499.95
Plywood	-	Oak	12x16	5	2499.95

A bracket on the right side of the table indicates that it lists items added to the cart. At the bottom of the page, there are four buttons: Clear Cart (red), Remove Item (green), Mark as Replacement (green), and Check Out (green). To the right of these buttons, the total price is displayed as Total Price: ₱14598.20.



Mark as replacement

Product	Brand	Variation	Size	Quantity	Total Price
Plywood	None	Oak	None	5	2499.95
Smartphone	BrandB	ModelY	6 inch	5	0.00
Paint	x	white	None	5	449.95

This is an example of an item that is marked as a replacement.

Checkout

The following payment form will pop-up after checking out.

A screenshot of a 'Payment Form' window. The title bar says 'Payment Form'. The main area has a light pink background and contains the following fields:

- Customer Name:** A text input field labeled 'Enter name'.
- Contact Number:** A text input field labeled 'Enter number'.
- Address:** A text input field labeled 'Enter address'.
- Amount Paid (P):** A text input field labeled 'Enter amount paid'.

At the bottom of the window are two buttons: 'Clear' on the left and 'Complete' on the right.

Type here the name of the customer

Type here the exact address of the customer

Type here the contact number of the customer

Type the amount that the customer gave to you here.

Press this to quickly clear all the items you typed.

After typing the sufficient amount of payment, press this button to finish the transaction.

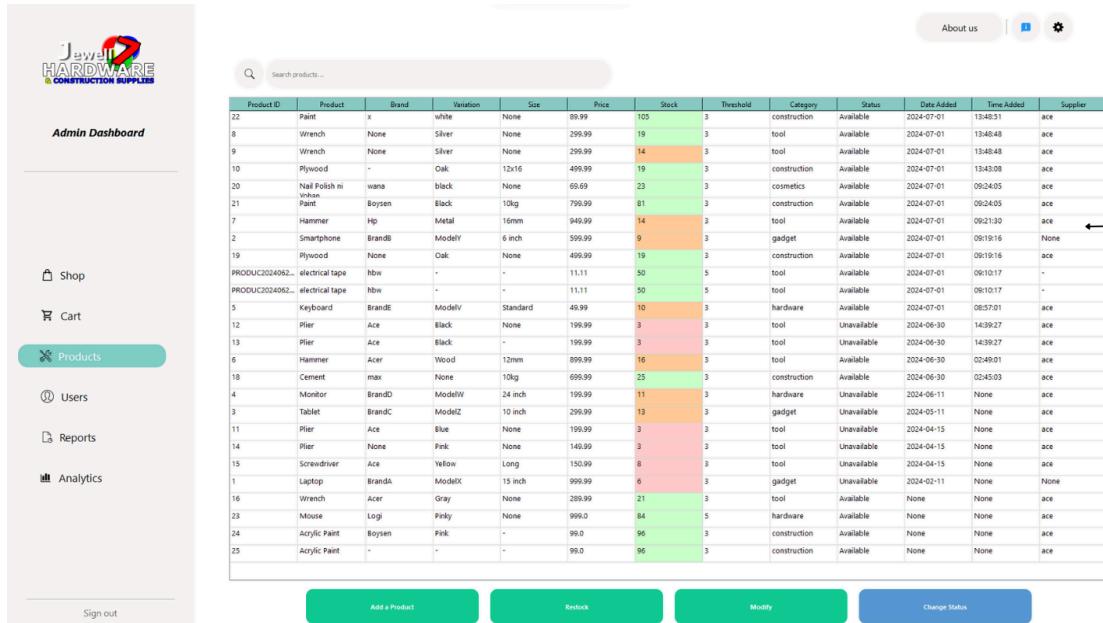
Receipt

After successful payment, an unofficial receipt will be shown containing the important information within the transaction.



VII. Products

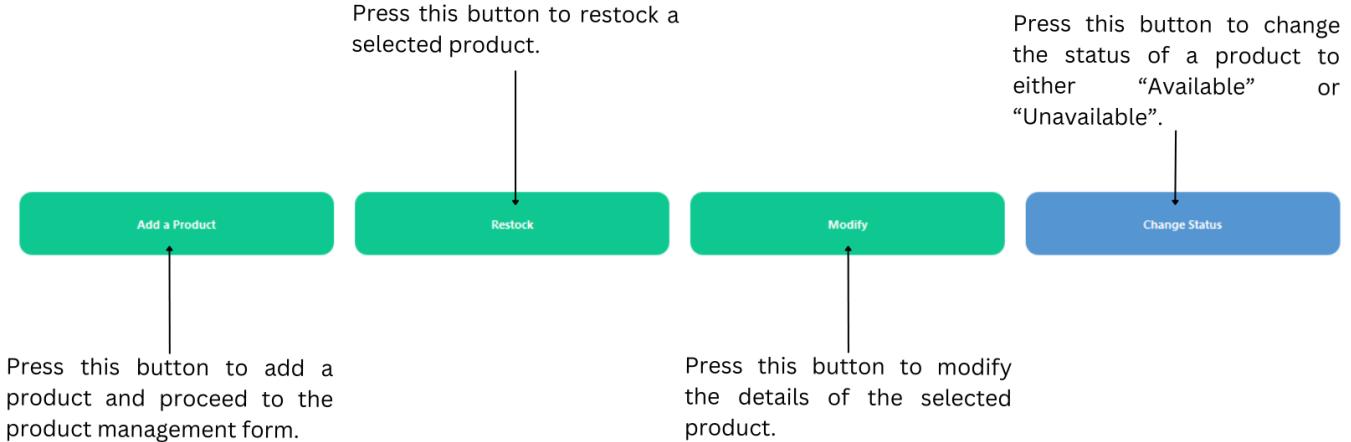
This section of the program will display all the items that were added to the system, along with their respective important details. Only the admin can manage the products within the system and update the inventory as they wish.



The screenshot shows the Admin Dashboard for "Jewell HARDWARE & CONSTRUCTION SUPPLIES". The main area displays a table of products with columns: Product ID, Product, Brand, Variation, Size, Price, Stock, Threshold, Category, Status, Date Added, Time Added, and Supplier. A search bar at the top says "Search products...". Below the table are four buttons: "Add a Product" (green), "Restock" (green), "Modify" (green), and "Change Status" (blue). On the left, there's a sidebar with links: Admin Dashboard, Shop, Cart, Products (highlighted in green), Users, Reports, and Analytics. At the bottom left is a "Sign out" link.

Product ID	Product	Brand	Variation	Size	Price	Stock	Threshold	Category	Status	Date Added	Time Added	Supplier
22	Paint	X	white	None	99.99	105	5	construction	Available	2024-07-01	13:40:31	ace
8	Wrench	None	Silver	None	299.99	19	3	tool	Available	2024-07-01	13:48:48	ace
9	Wrench	None	Silver	None	299.99	14	3	tool	Available	2024-07-01	13:48:48	ace
10	Plywood	-	Oak	12x16	499.99	19	3	construction	Available	2024-07-01	13:43:08	ace
20	Nail Polish	ni wana	black	None	69.99	23	3	cosmetics	Available	2024-07-01	09:24:05	ace
21	Paint	Boysen	Black	10kg	799.99	81	3	construction	Available	2024-07-01	09:24:05	ace
7	Hammer	Hp	Metal	16mm	949.99	14	3	tool	Available	2024-07-01	09:21:30	ace
2	Smartphone	BrandB	ModelV	6 inch	599.99	9	3	gadget	Available	2024-07-01	09:19:16	None
19	Plywood	None	Oak	None	499.99	19	3	construction	Available	2024-07-01	09:19:16	ace
PRODUC2024062...	electrical tape	hw	-	-	11.11	50	5	tool	Available	2024-07-01	09:10:17	-
PRODUC2024062...	electrical tape	hw	-	-	11.11	50	5	tool	Available	2024-07-01	09:10:17	-
5	Keyboard	BrandE	ModelV	Standard	49.99	10	3	hardware	Available	2024-07-01	08:57:01	ace
12	Plier	Ace	Black	None	199.99	3	3	tool	Unavailable	2024-06-30	14:39:27	ace
13	Plier	Ace	Black	-	199.99	3	3	tool	Unavailable	2024-06-30	14:39:27	ace
6	Hammer	Acer	Wood	12mm	899.99	16	3	tool	Available	2024-06-30	02:49:01	ace
18	Cement	max	None	10kg	699.99	25	3	construction	Available	2024-06-30	02:45:03	ace
4	Monitor	BrandD	ModelW	24 inch	199.99	11	3	hardware	Unavailable	2024-06-11	None	ace
3	Tablet	BrandC	ModelZ	10 inch	299.99	13	3	gadget	Unavailable	2024-05-11	None	ace
11	Plier	Ace	Blue	None	199.99	3	3	tool	Unavailable	2024-04-15	None	ace
14	Plier	None	Pink	None	149.99	3	3	tool	Unavailable	2024-04-15	None	ace
15	Screwdriver	Ace	Yellow	Long	150.99	8	3	tool	Unavailable	2024-04-15	None	ace
1	Laptop	BrandA	ModelX	15 inch	999.99	6	3	gadget	Unavailable	2024-02-11	None	None
16	Wrench	Acer	Gray	None	289.99	21	3	tool	Available	None	None	ace
23	Mouse	Logi	Pinky	None	999.0	84	5	hardware	Available	None	None	ace
24	Acrylic Paint	Boysen	Pink	-	99.0	96	3	construction	Available	None	None	ace
25	Acrylic Paint	-	-	-	99.0	96	3	construction	Available	None	None	ace

This table displays all of the information about the products.



Add a Product

This interface will open upon clicking “Add a Product”.

The screenshot shows a Windows-style application window titled "Product Management". Inside, there are several input fields and controls:

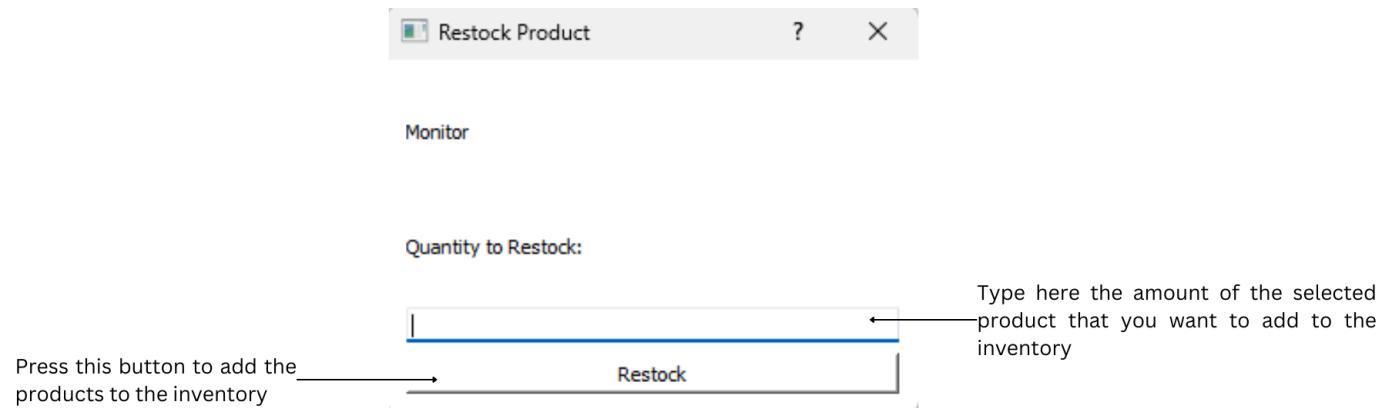
- Product ID:** PRODUC20240701SJG (disabled, indicated by a grey background)
- Product Name:** * (Required field)
- Brand:** (Text input field)
- Var:** (Text input field)
- Size:** (Text input field)
- Price:** * (Required field)
- Qty:** * (Required field)
- Category:** * (Dropdown menu with "New Category" option)
- Threshold:** 5 (Text input field with up/down arrows)
- Status:** *
Available (radio button selected)
Unavailable (radio button)
- Supplier:** (Text input field)
- Add** (Bottom right button)

Annotations explain the fields:

- Product ID: A computer-generated ID for each product. This value can not be edited.
- Product Name: Type the product name here. This field is required.
- Brand: Type the product brand here.
- Var: Type the product variation here (color, material type, etc.).
- Size: Type the product size here.
- Price: Type the price here, this field is required.
- Qty: Type the product quantity here, this field is required.
- Category: Specify the product category here. You can use the dropdown menu for existing category or the textbox for new category.
- Threshold: Manually type or increase and decrease the threshold using the arrows.
- Status: Select here whether the product will be listed as available or not.
Available = for sale Unavailable = not for sale
- Supplier: Type the name of supplier here, if applicable.
- Add: Press the “add” button to store new product information in the system.

Restock

This interface will open upon clicking “Restock” while having a product selected.



Modify a Product

This interface will open upon clicking “Modify a Product” while having a product selected.

The screenshot shows the 'Modify Product' window with the following details:

- Product ID: 14
- Product Name: * Plier
- Brand: (empty)
- Var: Pink
- Size: (empty)
- Price: * 149.99
- Qty: * 3
- Category: * tool (dropdown menu) New Category
- Threshold: 3
- Status: * Available Unavailable
- Supplier: ace

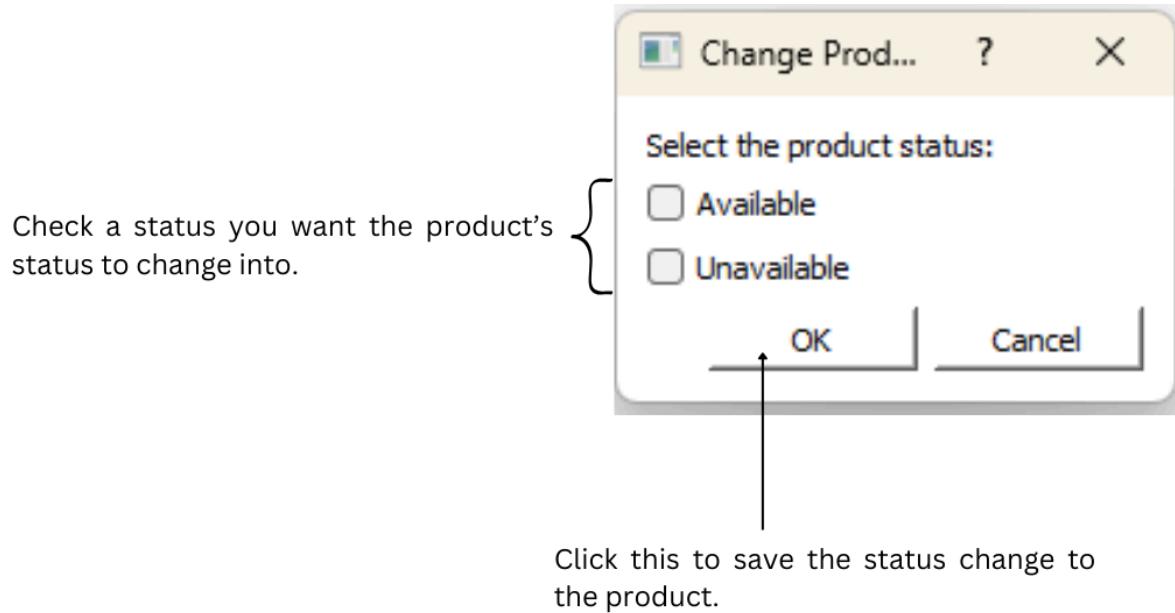
At the bottom right is a 'Modify' button.

Click the space below the product detail you want to modify, and type the new detail you want to replace it with.

Click this button to save the modification.

Change Status

This interface will open upon clicking “Change Status” while having a product selected.



VII. Users

This section of the program will display all the users registered within the system. The admin can perform different tasks to a user's account.

The screenshot shows the Admin Dashboard for "Jewell HARDWARE CONSTRUCTION SUPPLIES". On the left, a sidebar lists navigation options: Shop, Cart, Products, **Users** (highlighted in green), Reports, and Analytics. On the right, a main panel displays a table of users with columns: First Name, Last Name, Username, Password, Level of Access, and Status. The table data is as follows:

First Name	Last Name	Username	Password	Level of Access	Status
John	Doe	qwe	qwe	admin	Active
Gojo	Hinati	idkcat11	hollowpurple	staff	Active
bryan	Namzon	bryx	123	admin	Active
jose	tan	jumu	password123	admin	Active

At the bottom of the main panel are two buttons: "Modify" (green) and "Activate / Deactivate" (red). A "Search Users..." input field is located at the top of the main panel.

Sign out

Click this to Activate/Deactivate a user's account. An account is enabled when it is activated. Otherwise, its disabled.

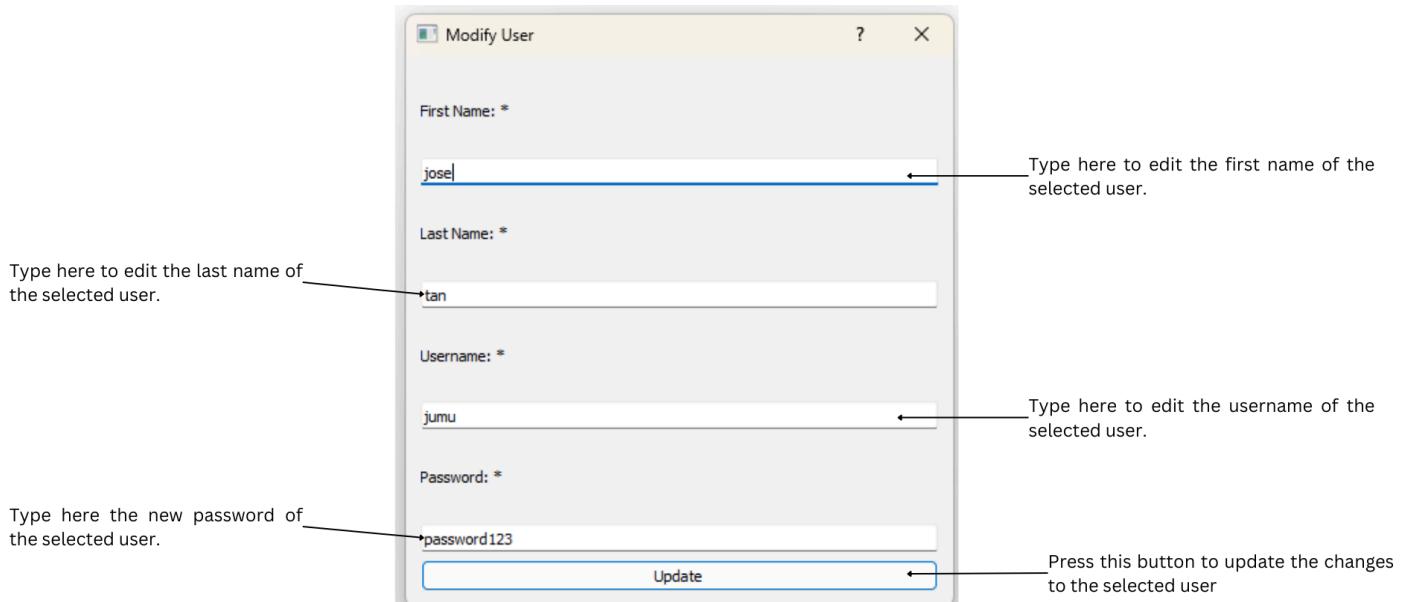
Modify

Activate / Deactivate

Click this to modify the account details of the selected user.

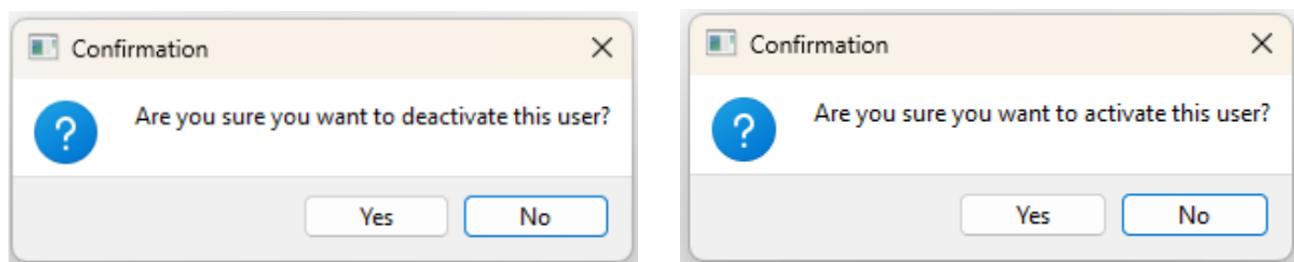
Modify User

This will pop-up when the “Modify User” button is clicked.



Activate / Deactivate

These will pop-up when the “Activate / Deactivate ” button is clicked.

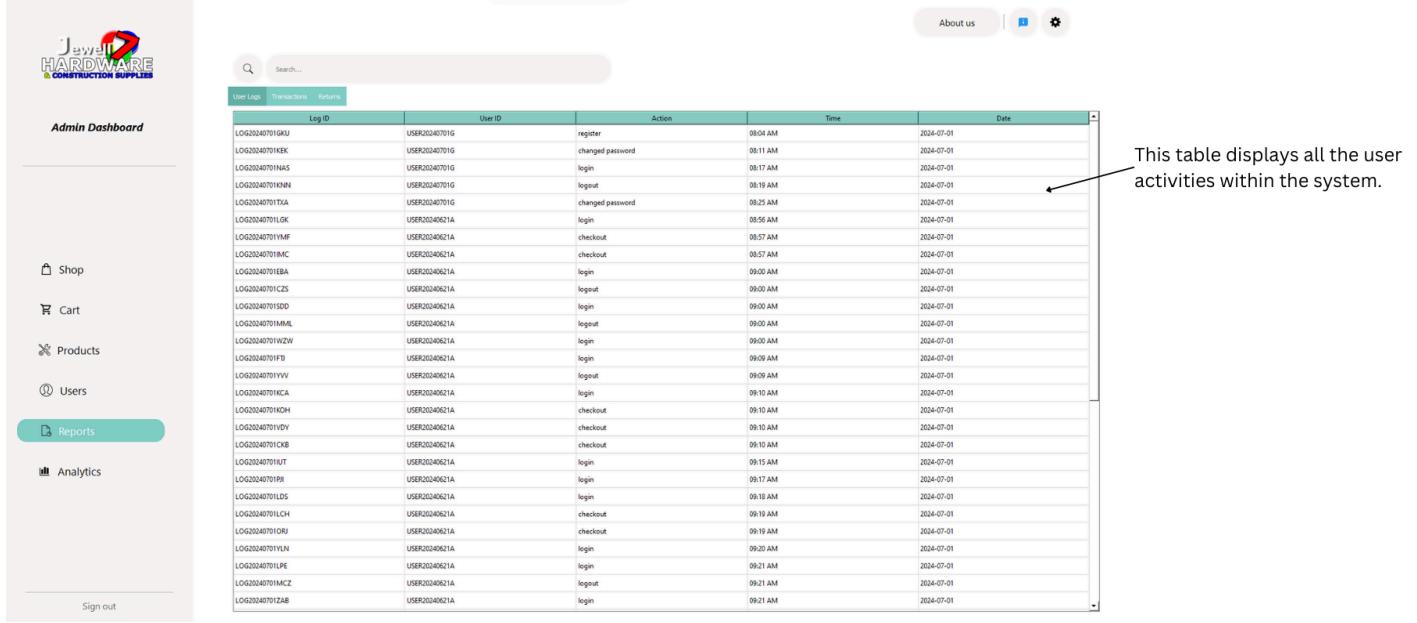


VIII. Reports

This section of the program will display all reports regarding the system. It will display reports such as the user_logs, transactions, and returns.

User Logs

This table will show when the “User Logs” tab is clicked.

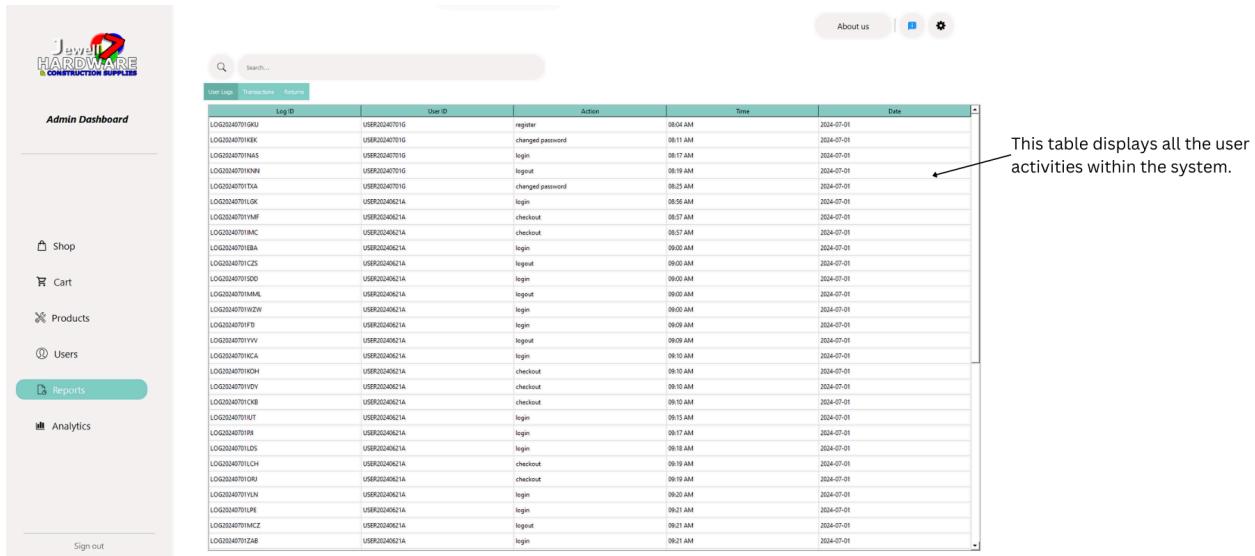


The screenshot shows the Jewel Hardware Admin Dashboard. On the left, there's a sidebar with links for Shop, Cart, Products, Users, Reports (which is highlighted in green), and Analytics. The main area has a search bar and tabs for User Logs, Transactions, and Returns. The User Logs tab is selected, displaying a table of user activities. The table has columns for Log ID, User ID, Action, Time, and Date. An annotation with an arrow points to the table with the text: "This table displays all the user activities within the system."

Log ID	User ID	Action	Time	Date
LOG20240701GKU	USER20240701G	register	08:04 AM	2024-07-01
LOG20240701KEK	USER20240701G	changed password	08:11 AM	2024-07-01
LOG20240701NAS	USER20240701G	login	08:17 AM	2024-07-01
LOG20240701KNN	USER20240701G	logout	08:19 AM	2024-07-01
LOG20240701TXA	USER20240701G	changed password	08:25 AM	2024-07-01
LOG20240701LJK	USER20240902A	login	08:56 AM	2024-07-01
LOG20240701IMF	USER20240902A	checkout	08:57 AM	2024-07-01
LOG20240701MC	USER20240902A	checkout	08:57 AM	2024-07-01
LOG20240701BAA	USER20240902A	login	09:00 AM	2024-07-01
LOG20240701CZS	USER20240902A	logout	09:00 AM	2024-07-01
LOG20240701SDD	USER20240902A	login	09:00 AM	2024-07-01
LOG20240701MMI	USER20240902A	logout	09:00 AM	2024-07-01
LOG20240701ZWV	USER20240902A	login	09:00 AM	2024-07-01
LOG20240701F7F	USER20240902A	login	09:09 AM	2024-07-01
LOG20240701VVV	USER20240902A	logout	09:09 AM	2024-07-01
LOG20240701ICA	USER20240902A	login	09:10 AM	2024-07-01
LOG20240701KOH	USER20240902A	checkout	09:10 AM	2024-07-01
LOG20240701YDV	USER20240902A	checkout	09:10 AM	2024-07-01
LOG20240701CKB	USER20240902A	checkout	09:10 AM	2024-07-01
LOG20240701UT	USER20240902A	login	09:15 AM	2024-07-01
LOG20240701RRI	USER20240902A	login	09:17 AM	2024-07-01
LOG20240701LDS	USER20240902A	login	09:18 AM	2024-07-01
LOG20240701LCH	USER20240902A	checkout	09:19 AM	2024-07-01
LOG20240701ORU	USER20240902A	checkout	09:19 AM	2024-07-01
LOG20240701YLN	USER20240902A	login	09:20 AM	2024-07-01
LOG20240701YPE	USER20240902A	login	09:21 AM	2024-07-01
LOG20240701MCZ	USER20240902A	logout	09:21 AM	2024-07-01
LOG20240701ZAB	USER20240902A	login	09:21 AM	2024-07-01

Transactions

This table will show when the “Transactions” tab is clicked, along with the different tasks to be performed for the transactions.



The screenshot shows the Admin Dashboard interface for "Jewell HARDWARE & CONSTRUCTION SUPPLIES". The left sidebar includes links for Shop, Cart, Products, Users, Reports, and Analytics. The main area features a search bar and a table titled "Transactions". The table has columns: Log ID, User ID, Action, Time, and Date. A tooltip indicates that this table displays all user activities within the system.

Log ID	User ID	Action	Time	Date
LOG20240701GKU	USER20240701G	register	08:04 AM	2024-07-01
LOG20240701YKK	USER20240701G	changed password	08:11 AM	2024-07-01
LOG20240701N4S	USER20240701G	login	08:17 AM	2024-07-01
LOG20240701KNN	USER20240701G	logout	08:19 AM	2024-07-01
LOG20240701TKA	USER20240701G	changed password	08:25 AM	2024-07-01
LOG20240701GK	USER20240621A	login	08:56 AM	2024-07-01
LOG20240701YMF	USER20240621A	checkout	08:57 AM	2024-07-01
LOG20240701MC	USER20240621A	checkout	08:57 AM	2024-07-01
LOG20240701BAA	USER20240621A	login	09:00 AM	2024-07-01
LOG20240701CZS	USER20240621A	logout	09:00 AM	2024-07-01
LOG20240701QDQ	USER20240621A	login	09:00 AM	2024-07-01
LOG20240701MME	USER20240621A	logout	09:00 AM	2024-07-01
LOG20240701WZN	USER20240621A	login	09:00 AM	2024-07-01
LOG20240701F9	USER20240621A	logout	09:09 AM	2024-07-01
LOG20240701VVV	USER20240621A	login	09:09 AM	2024-07-01
LOG20240701HCA	USER20240621A	logout	09:10 AM	2024-07-01
LOG20240701KOH	USER20240621A	checkout	09:10 AM	2024-07-01
LOG20240701VDV	USER20240621A	checkout	09:10 AM	2024-07-01
LOG20240701CKB	USER20240621A	checkout	09:10 AM	2024-07-01
LOG20240701UT	USER20240621A	login	09:15 AM	2024-07-01
LOG20240701P9	USER20240621A	login	09:17 AM	2024-07-01
LOG20240701LDS	USER20240621A	login	09:18 AM	2024-07-01
LOG20240701LCH	USER20240621A	checkout	09:19 AM	2024-07-01
LOG20240701OKR	USER20240621A	checkout	09:19 AM	2024-07-01
LOG20240701YLN	USER20240621A	login	09:20 AM	2024-07-01
LOG20240701LPI	USER20240621A	login	09:21 AM	2024-07-01
LOG20240701MCZ	USER20240621A	logout	09:21 AM	2024-07-01
LOG20240701ZAB	USER20240621A	login	09:21 AM	2024-07-01

Press this button to return an item from the selected transaction.

Return Item

Press this button to open the cash register manager

Cash Register

Press this button to generate the receipt for the selected transaction.

Generate Receipt

Press this button to mark a transaction and it will automatically change the color of the transaction's cell.

Flag Transaction

Press this button to check if the total sales is equal to the remaining recorded balance in the system.

Reconcile Cash

Return Item

Select Items to Return

Product	Quantity	Cashier	Customer	Price	Date	Time	Payment
1 Plier	1	John	maki	199.99	2024-06-30	02:39 PM	PAY202406
2 Plier	1	John	maki	199.99	2024-06-30	02:39 PM	PAY202406
3 Paint	1	John	maki	89.99	2024-06-30	02:39 PM	PAY202406

Return Selected

This table displays all the items within the selected transaction.

Enter Return Quantity

Return Quantity:
1

Select Reason for Returning:
Wrong Item

OK Cancel

Enter Return Quantity

Return Quantity:
1

Select Reason for Returning:
Wrong Item
Wrong Item
Defective
Damaged

Return Complete

i Item returned successfully.

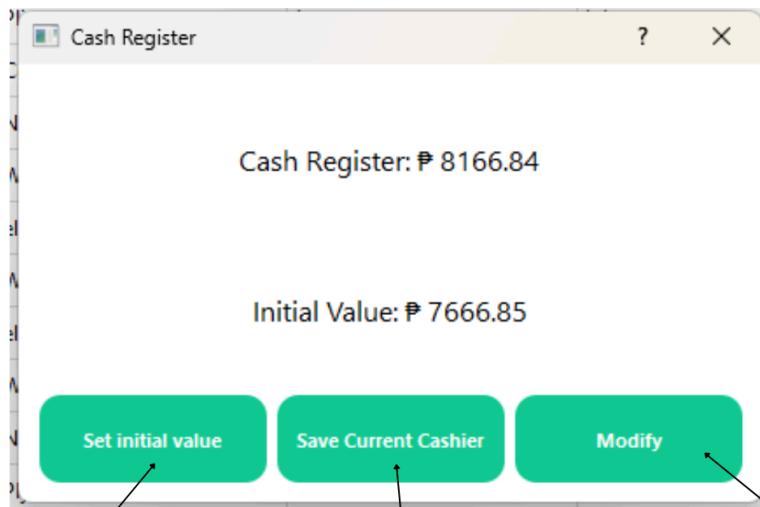
OK

Flag Transaction

1299.97	Paint	1	John	bini gwen	799.99	2024-06-30	02:50 AM	PAY20240630GZV
	Plier	1	John	bini gwen	199.99	2024-06-30	02:50 AM	PAY20240630GZV
489.97	Plier	1	John	maki	199.99	2024-06-30	02:39 PM	PAY20240630DJE
489.97	Plier	1	John	maki	199.99	2024-06-30	02:39 PM	PAY20240630DJE
1449.98	Paint	1	John	maki	89.99	2024-06-30	02:39 PM	PAY20240630DJE
	Hammer	1	John	lorde	949.99	2024-06-30	03:07 PM	PAY20240630XAY
	Plywood	1	John	lorde	499.99	2024-06-30	03:07 PM	PAY20240630XAY

This is an example of a transaction that's been flagged.

Cash Register

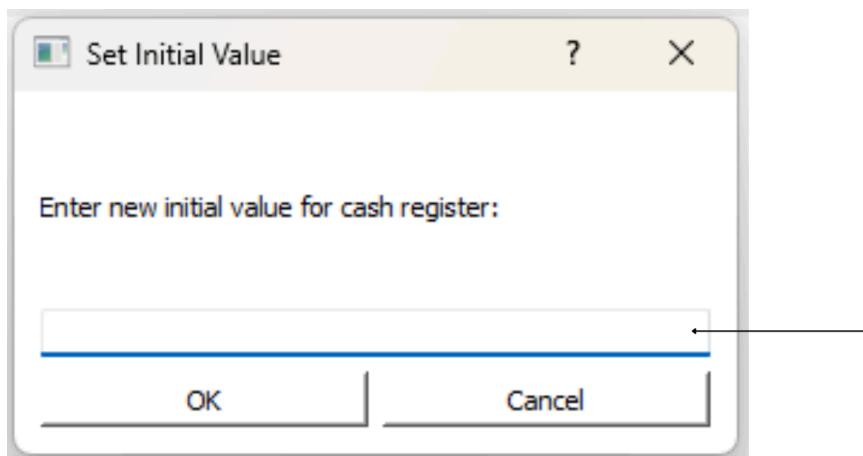


This will manually change the starting value of the system's cash register.

This will manually update current value of the system's cash register.

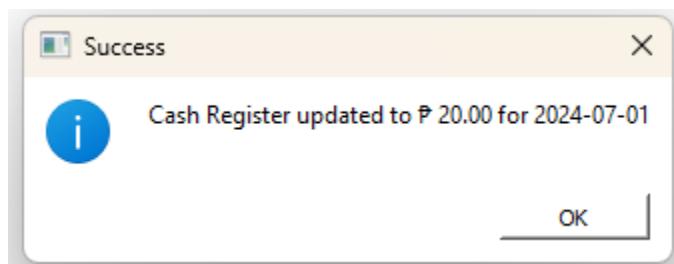
This will modify the value of the system's cash register

Set Initial Value

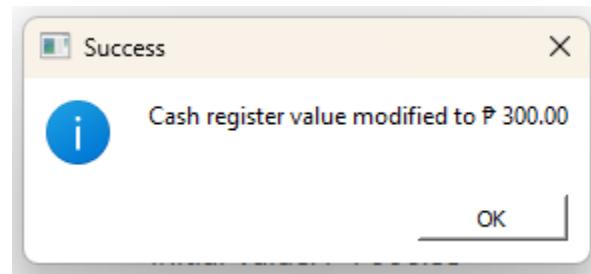
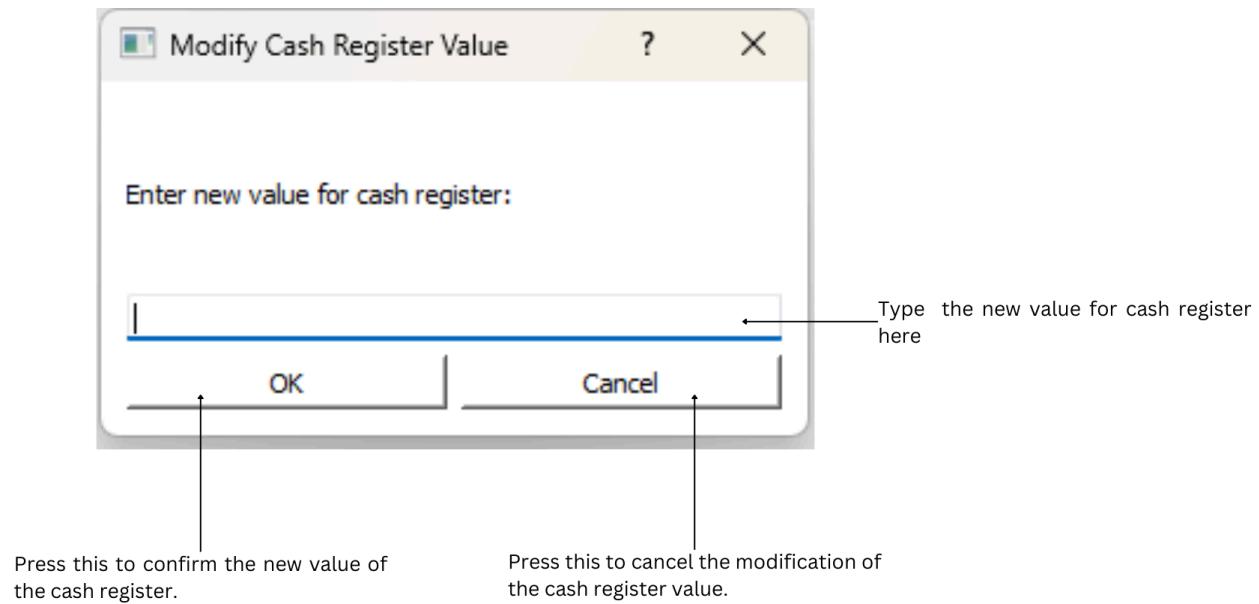


Type the initial cash value of the cash register. The initial value will serve as a reference whether the total revenue at the end of the day matches the total cash within the register deducted by the initial value.

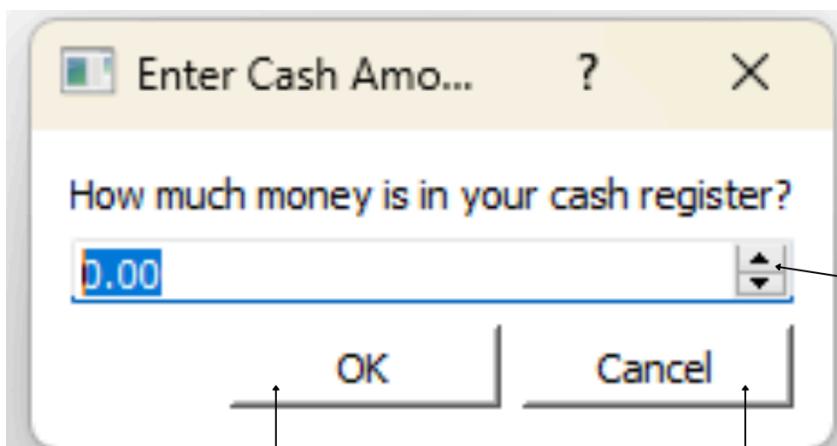
Save Current Cashier



Modify Cash Register



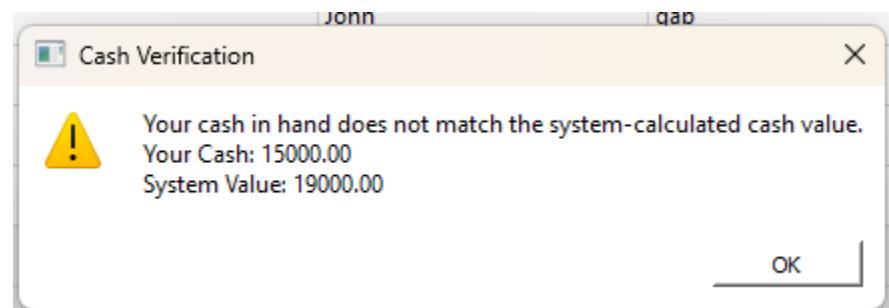
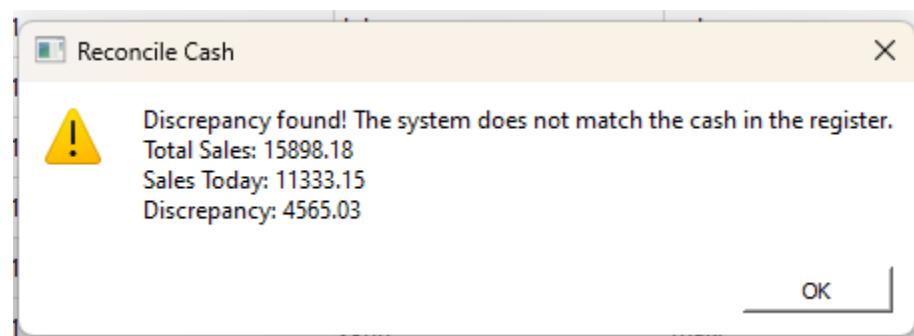
Reconcile Cash



Press this to confirm the value of the cash register.

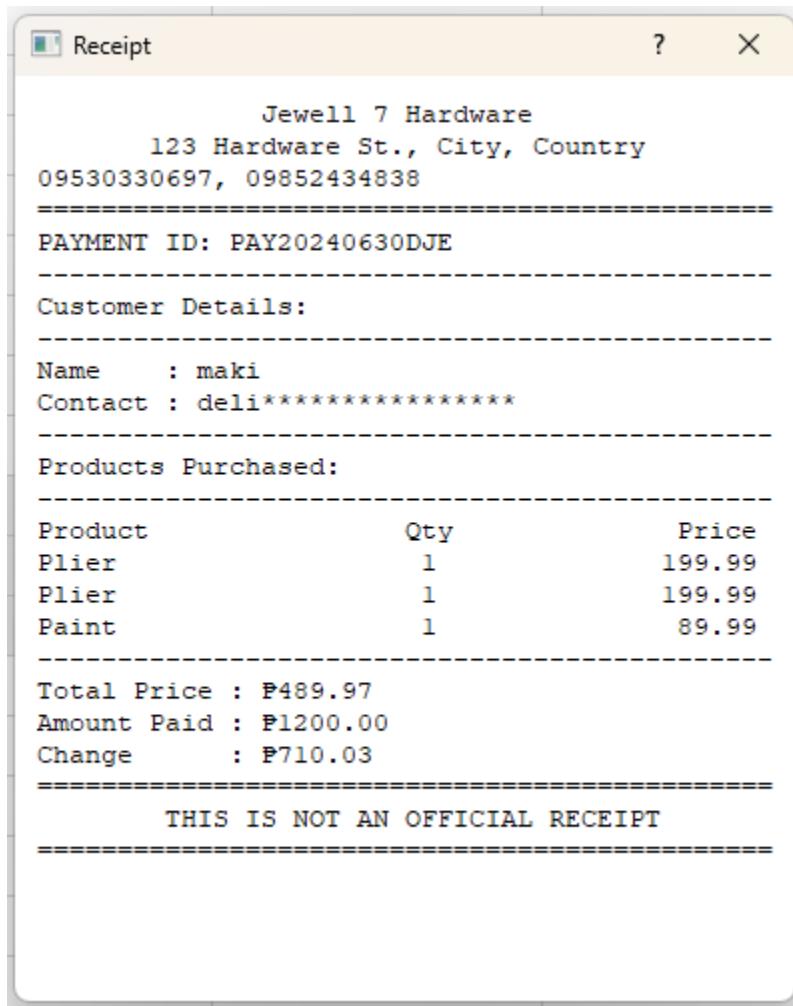
Press this to cancel

Type or press the up or down button to manually adjust the quantity amount in the cash register.



Generate Receipt

This will button will generate an unofficial receipt for the selected transaction, which includes all the important information within the transaction.



Returns

This table will show when the “Returns” tab is clicked, along with a button to return a suitable item to the inventory.

Admin Dashboard

User Logs Transactions Returns

Return ID	Product Name	Brand	Variation	Size	Quantity	Date	Date of Return	Transaction ID	Reason
RETURN20240625LCU	Wrench	Acer	Gray	None	1	2024-06-29	None	TRANSAC20240625LG0	None
RETURN20240625DK	Monitor	BrandD	ModelD	24 inch	2	2024-06-29	2024-06-26	TRANSAC20240625DA0	None
RETURN20240628ZC	Wrench	Acer	Gray	None	1	2024-06-29	2024-06-26	TRANSAC20240628ZG0	None
RETURN20240628NHS	Wrench	None	Silver	None	1	2024-06-28	2024-06-28	TRANSAC20240628SAJ	Defective
RETURN20240628PKK	Wrench	None	Silver	None	1	2024-06-27	2024-06-28	TRANSAC20240628TMS	Wrong Item
RETURN20240628IF	electrical tape	hbw	-	-	1	2024-06-27	2024-06-28	TRANSAC20240628TEP	Damaged
RETURN20240630LTH	Paint	Boyan	Black	10kg	1	2024-06-30	2024-06-30	TRANSAC20240630MKE	Wrong Item
RETURN20240630EN	electrical tape	hbw	-	-	1	2024-06-29	2024-06-30	TRANSAC20240627EIP	Defective
RETURN20240701VRM	Paint	x	white	None	1	2024-06-30	2024-07-01	TRANSAC20240630MND	Wrong Item

Return to Inventory

This table displays all the information about the returned products

Press this button to return a selected item that has a valid reason to the inventory.

IX. Analytics

This section of the program will display a customizable graph/chart that will visualize the data within the system, simplifying the viewing of the hardware's statistics. The user can customize the time period and the data to display. The system can predict the potential sales for the week via Linear Regression.

The screenshot shows the Admin Dashboard interface. On the left, there is a sidebar with the following menu items:

- Shop
- Cart
- Products
- Users
- Reports
- Analytics** (highlighted in green)

On the right, under the Analytics section, there is a placeholder area labeled "Chart or Graph Placeholder". Below this area are three selection fields:

- Chart Type: Line Chart
- Time Period: Today
- Transaction Type: Returns

At the bottom of the Analytics section is a large green button labeled "Generate". A callout arrow points from the text "Graph Placeholder. This part will be updated when the 'generate' button is pressed." to the "Chart or Graph Placeholder" area. Another callout arrow points from the text "Press this to generate graph with the selected variables" to the "Generate" button.

Graph Placeholder. This part will be updated when the "generate" button is pressed.

Chart or Graph Placeholder

Chart Type: Line Chart

Time Period: Today

Transaction Type: Returns

Generate

Selection for type of chart (line, bar, pie)

Selection for time period (today, last week, etc.)

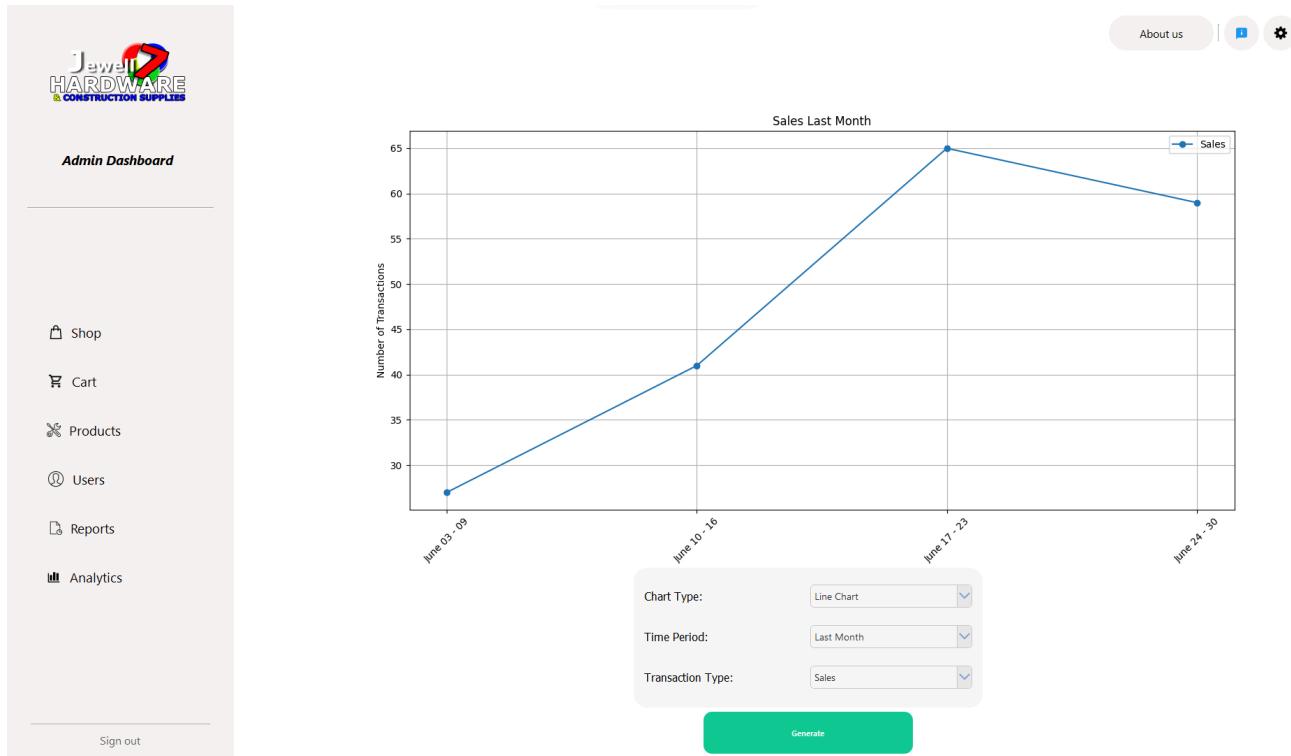
Selection for transaction type (sales, returns)

Press this to generate graph with the selected variables

PIE CHART



LINE GRAPH



BAR CHART

Jewell HARDWARE & CONSTRUCTION SUPPLIES

Admin Dashboard

- Shop
- Cart
- Products
- Users
- Reports
- Analytics

[Sign out](#)

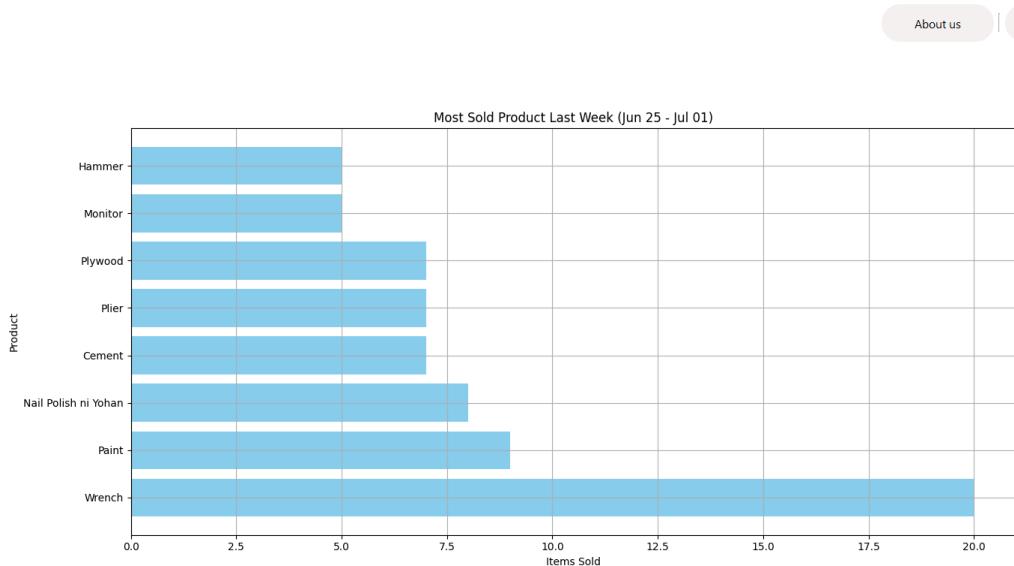


Chart Type: Bar Chart

Time Period: Last Week

Transaction Type: Sales

Data Type: Product Name Category

Generate

LINEAR REGRESSION / PREDICTION



X. Help

This section of the program will display helpful information to the user including the Frequently Asked Questions (FAQ) and the complete user-manual.

FAQ

The screenshot shows the Admin Dashboard for 'Jewel HARDWARE CONSTRUCTION SUPPLIES'. The left sidebar lists navigation options: Shop, Cart, Products, Users, Reports, and Analytics. The main content area is titled 'Frequently Asked Questions' with a sub-instruction: 'Quick answers to questions you may have. Can't find what you're looking for? Check out our full documentation.' Below this, there are four FAQ cards:

- When I generate a line graph from the data of the previous week, it shows a broken line. What does this indicate?**

The broken line represents the projected values of the graph for the next day, estimating the number of transactions based on past transaction data.
- When I generate a pie chart or a bar chart, not all product names or categories are displayed. Why is that?**

The broken line represents the projected values of the graph for the next day, estimating the number of transactions based on past transaction data.
- What does "Threshold" mean?**

Threshold is a point or level where inventory must be reordered to avoid stockouts.
- What do colors signify in product management?**
 - High stock level, restocking is not a priority.
 - Moderate stock level, restocking is optional.
 - Low stock level, restocking is highly recommended.

USER MANUAL

This is the user manual. This manual aims to guide the user through explanations and instructions for each module and their components.

XI. Database Settings / Reports Generation

This section of the program will show the active database and the different actions that can be performed to the database. Also, this is the section of the program where the user can customize and generate a report that's in a pdf file format.

Admin Dashboard

- Shop
- Cart
- Products
- Users
- Reports
- Analytics

Sign out

The interface consists of two main sections: "Database" and "Reports".
The "Database" section displays:

- Active Database: Data
- Last Backup: Data
- Current Automatic Backup Time: 08:59 AM

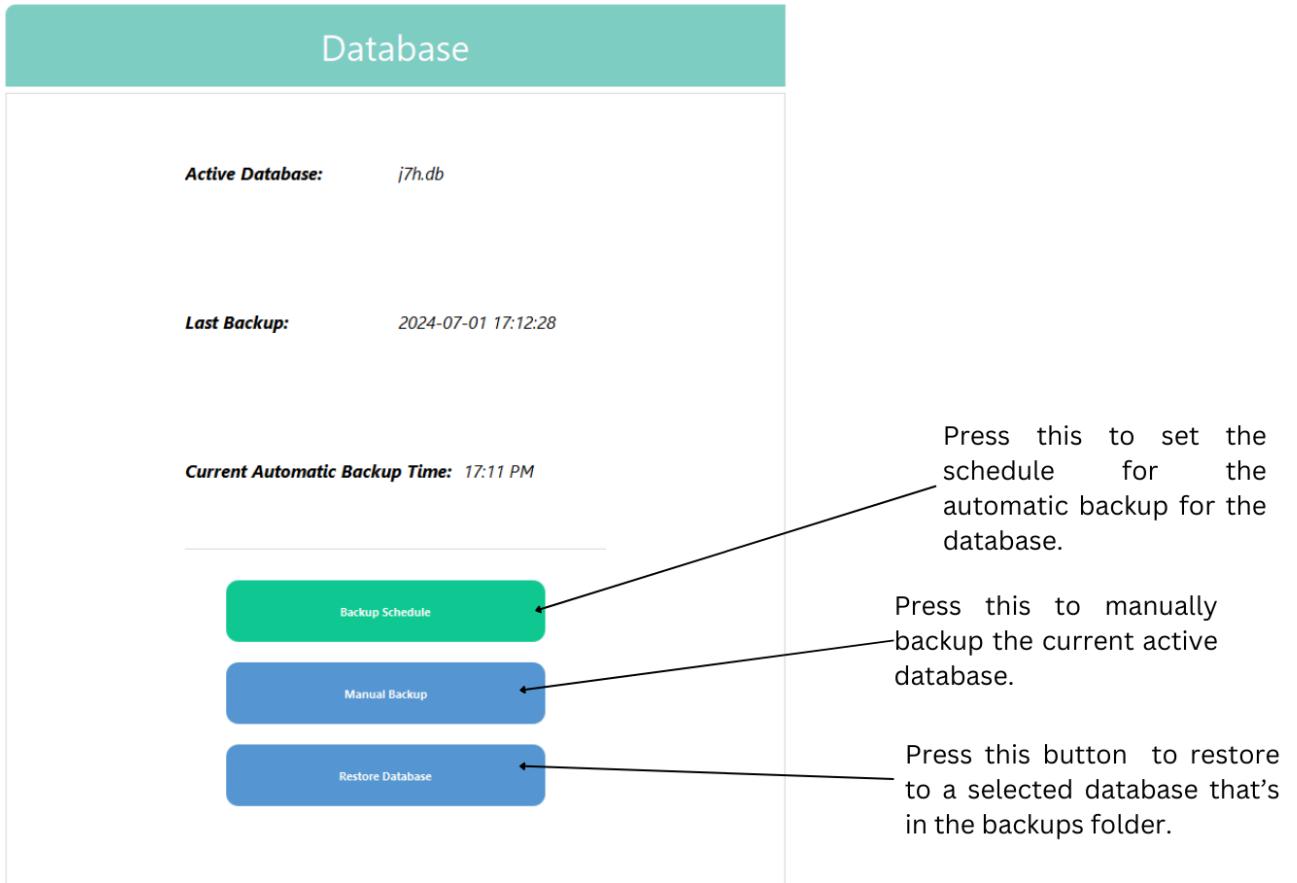
Below these are three buttons:

- Backup Schedule (green)
- Manual Backup (blue)
- Restore Database (blue)

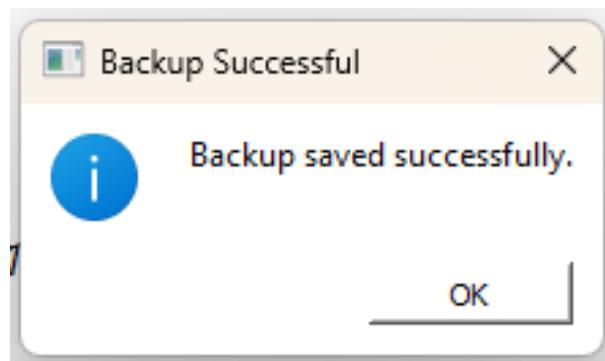
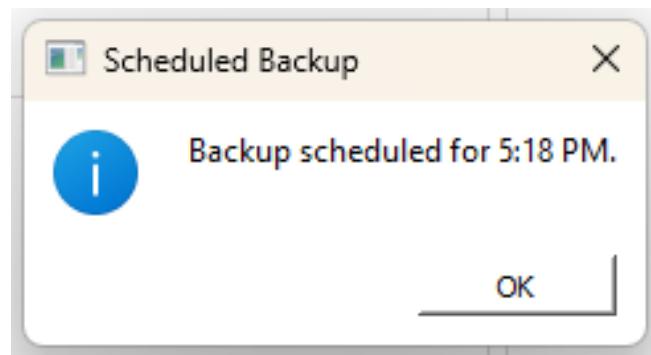
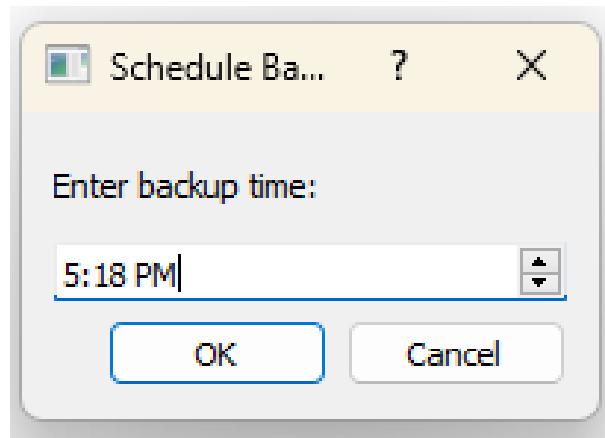
The "Reports" section displays:

- Generate Report (green)
- Customize Report (blue)

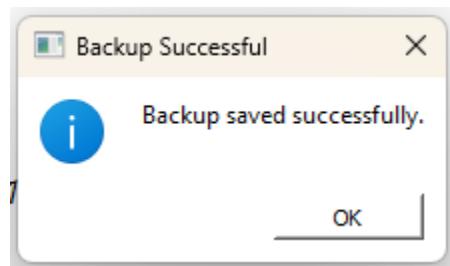
Database Settings



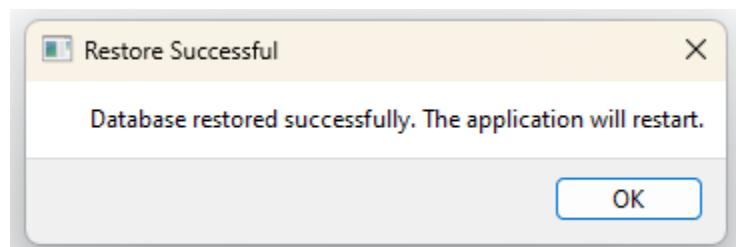
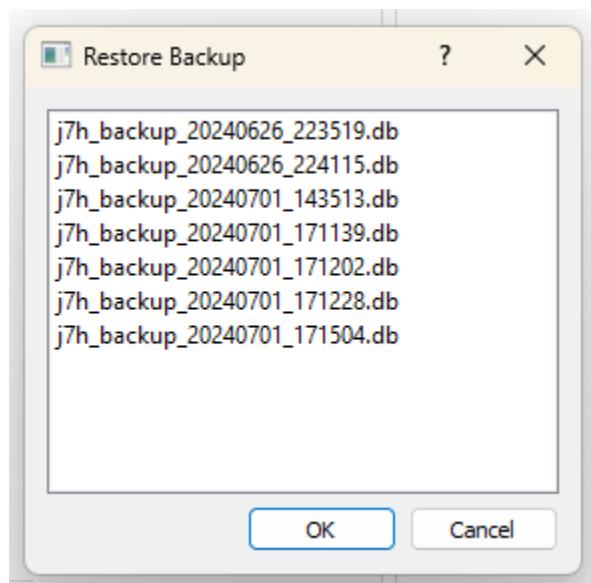
BACKUP SCHEDULE



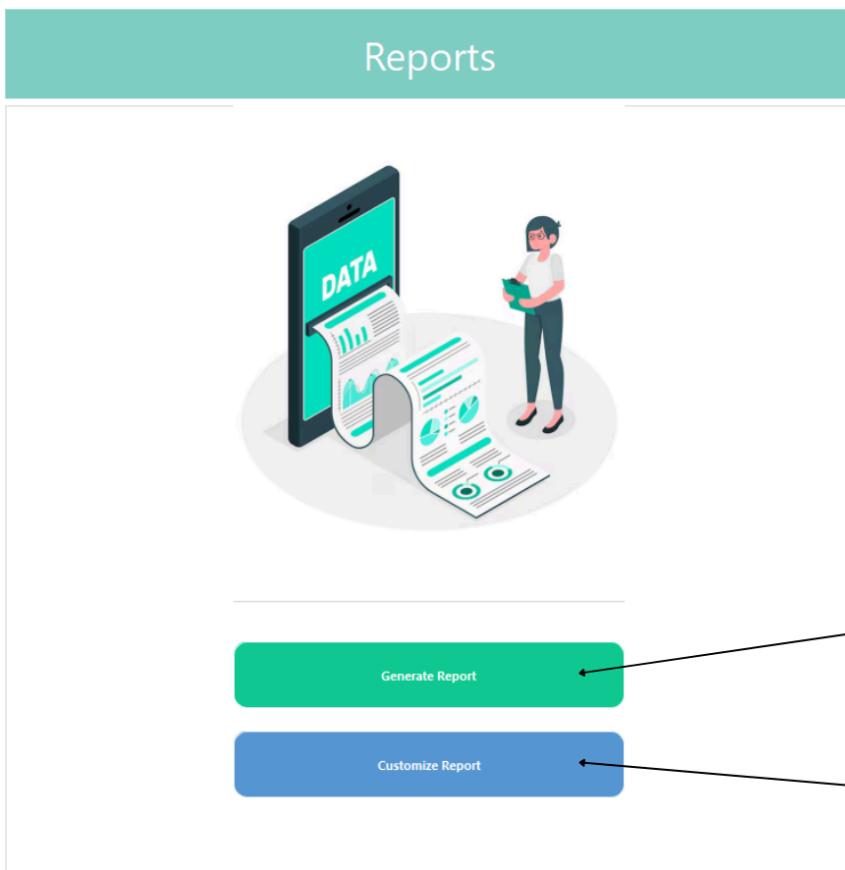
MANUAL BACKUP



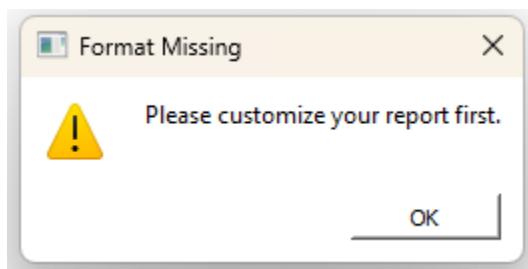
RESTORE DATABASE



REPORTS GENERATION



This will show up when “Generate Report” is pressed without customizing first.



This is a sample report, with a “Save as PDF” button that will save the report as a pdf file.

Generated Report

?

X

Jewell 7 Hardware

Transactions Report - This Week

Generated by: John Doe

Report Generated at 2024-07-01 17:22:10

Transaction ID	Date	Time	Customer	Total Price	Cashier
TRANSAC20240701TMD	2024-07-01	09:24 AM	hey	₱799.99	John

Sales Report - This Week

The chart displays a single data point for Saturday, indicating a sales peak of 1.0 for that day.

Save as PDF