TRI-MARK
CONSTRUCTION SUPPLY

Tri-Mark Construction Supply Product Management System Utilizing Barcode Technology

USER MANUAL

(As of July 2024)

Technological Institute of the Philippines
Tri-Mark Construction Supply Utilizing Barcode Technology

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1.0 REQUIREMENTS

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This section shows the needed requirements for the application.

1.1 Hardware Requirements

- Desktop
- 4 GB RAM (minimum)
- Dual Core Processor (minimum)
- 100 GB of Hard drive (minimum)

1.2 Software Requirements

- Window 7 and above

1.3 Development Tool/ Platform Used

- Microsoft Visual Studio Code
- Desktop or Laptop with minimum RAM of 4GB

2.0 GETTING STARTED

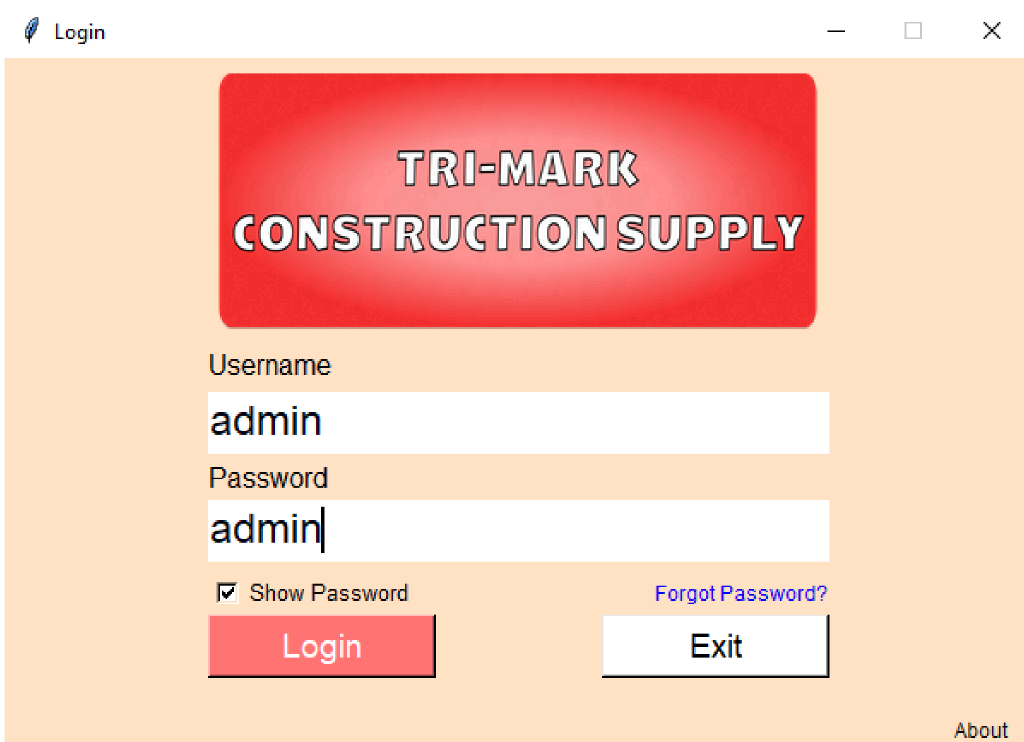
This section shows the introduction to the application.

2.1 How to Access

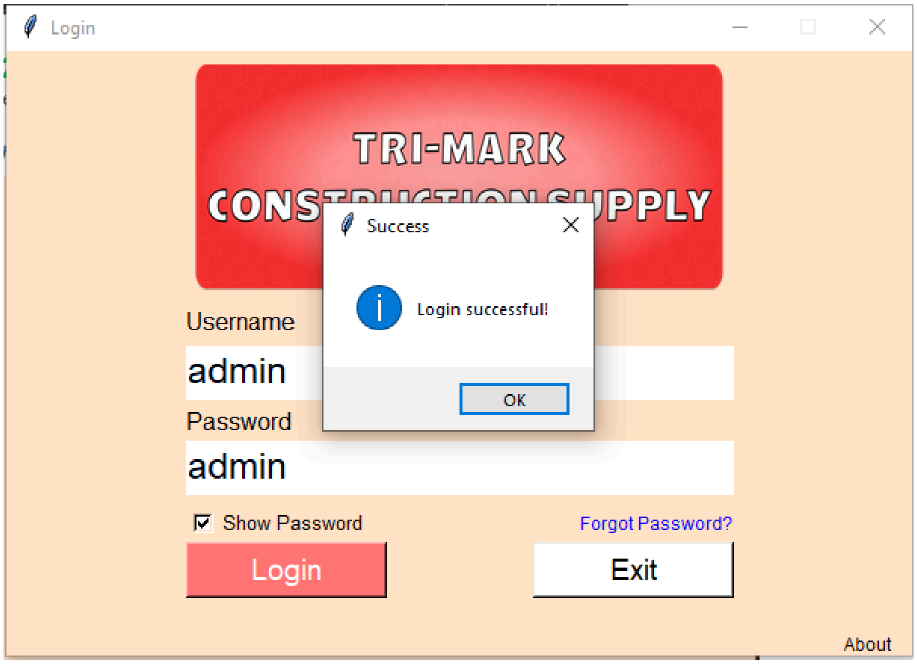
Click the executable to launch the software.

2.2 Login to as admin

The user must login as admin first.

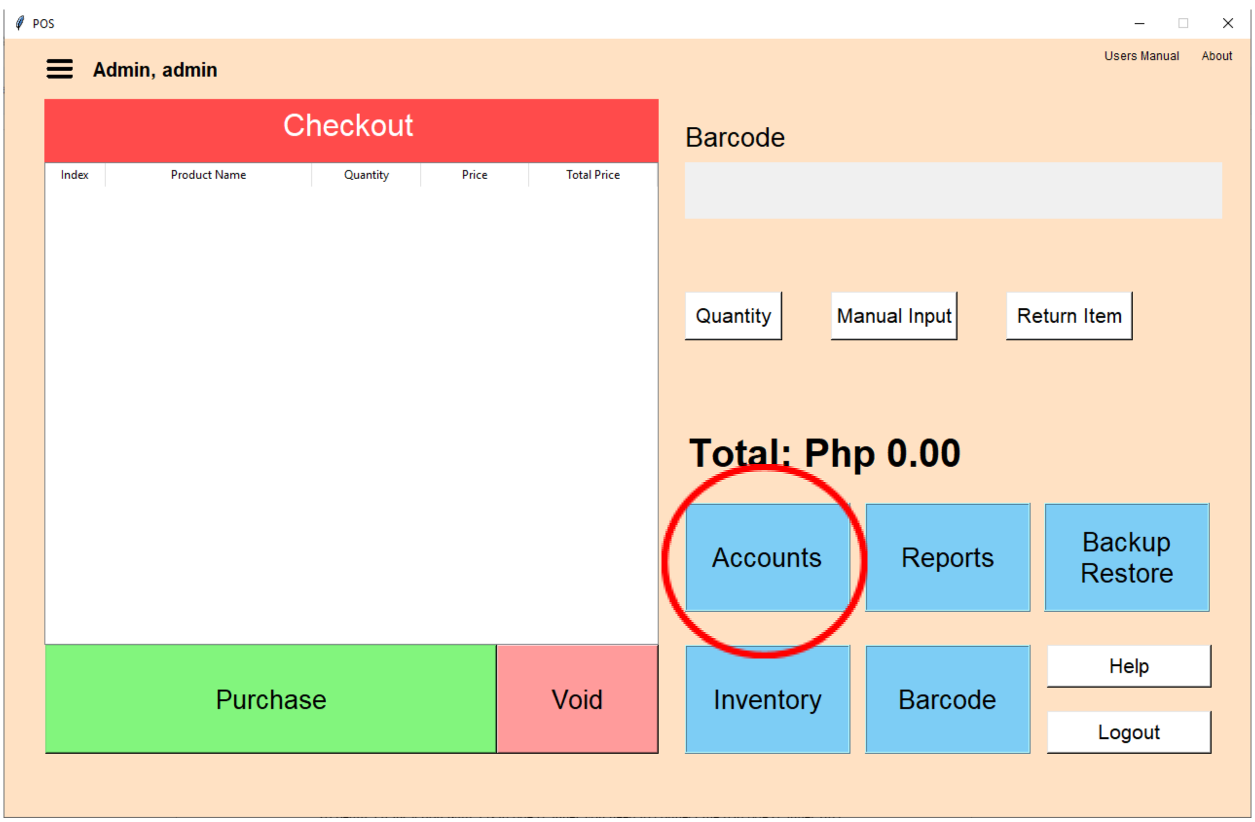


Input the the system generated account if this is the first time you are opening the software



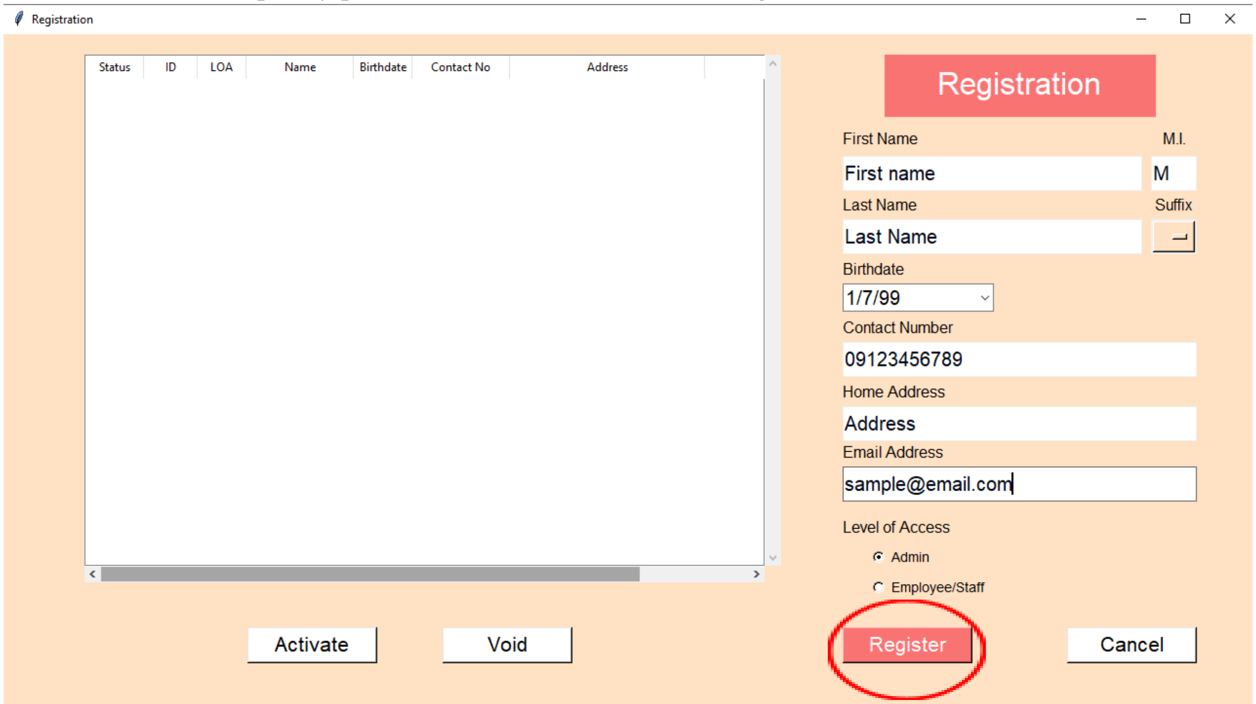
2.3 Navigate to Accounts

Click the "Accounts" button to access and view the accounts registered to the system.



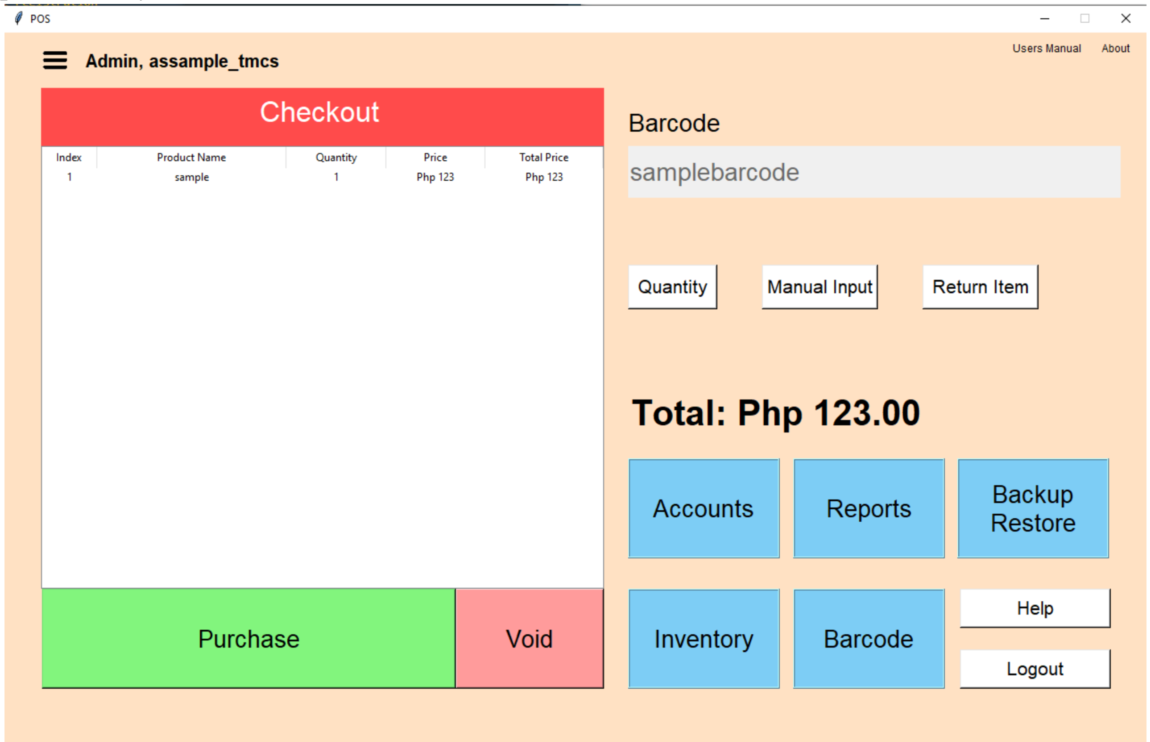
2.4 Register an Account

Register a new account by inputting the credentials on the entrybox on the right. Make sure to fill-up every entry (except for the Middle Initial and Suffix. those two are optional) and choose the appropriate Level of Access for the user. Then click register. It will send the account id, username, and temporary password into the said email and login the created account



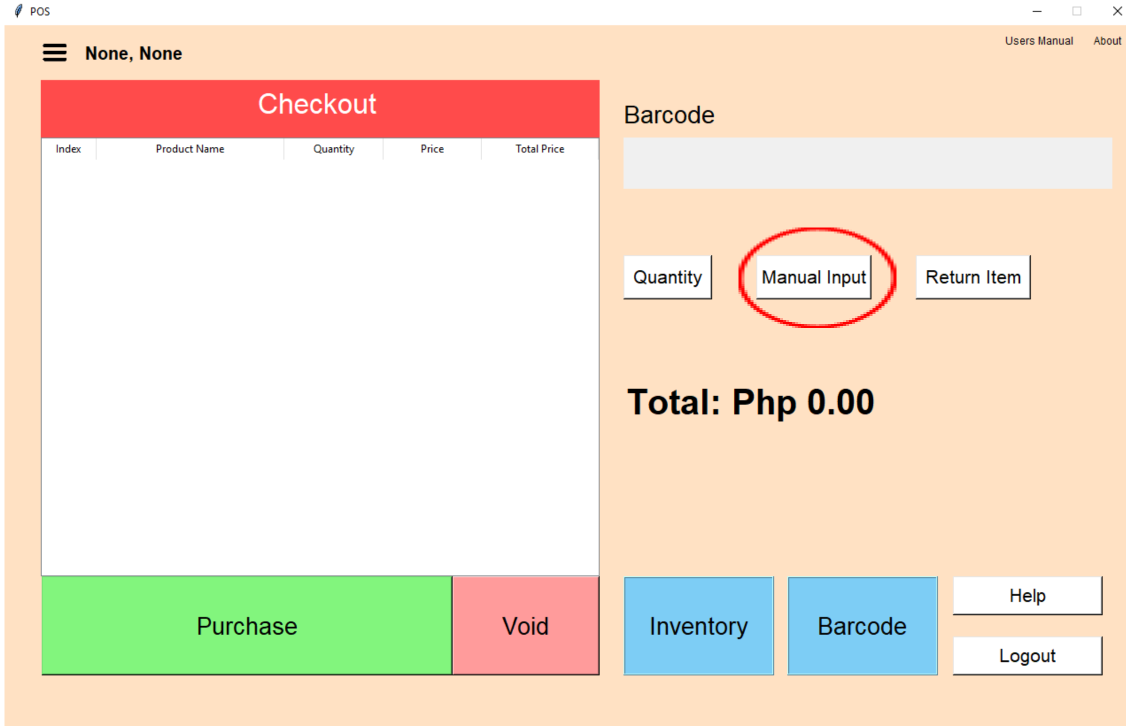
3.1 Accessing Transaction (with Barcode Scanner)

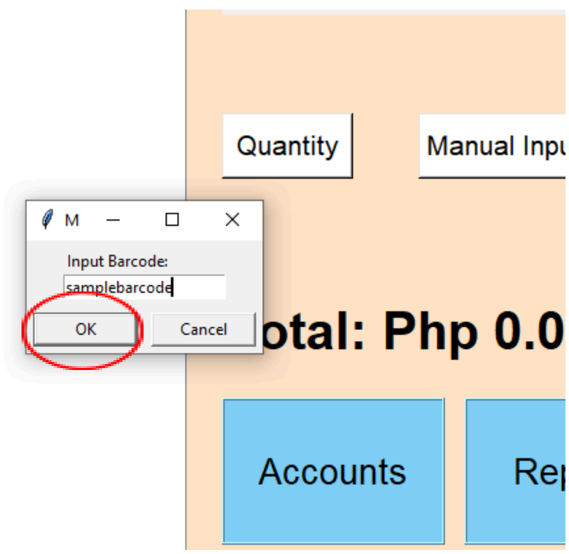
To begin a transaction with a Barcode scanner you need to connect the barcode scanner first. Make sure that you are focused on the software window so that the scanned barcode will be processed by the software.



3.2 Accessing Transaction (without Barcode Scanner)

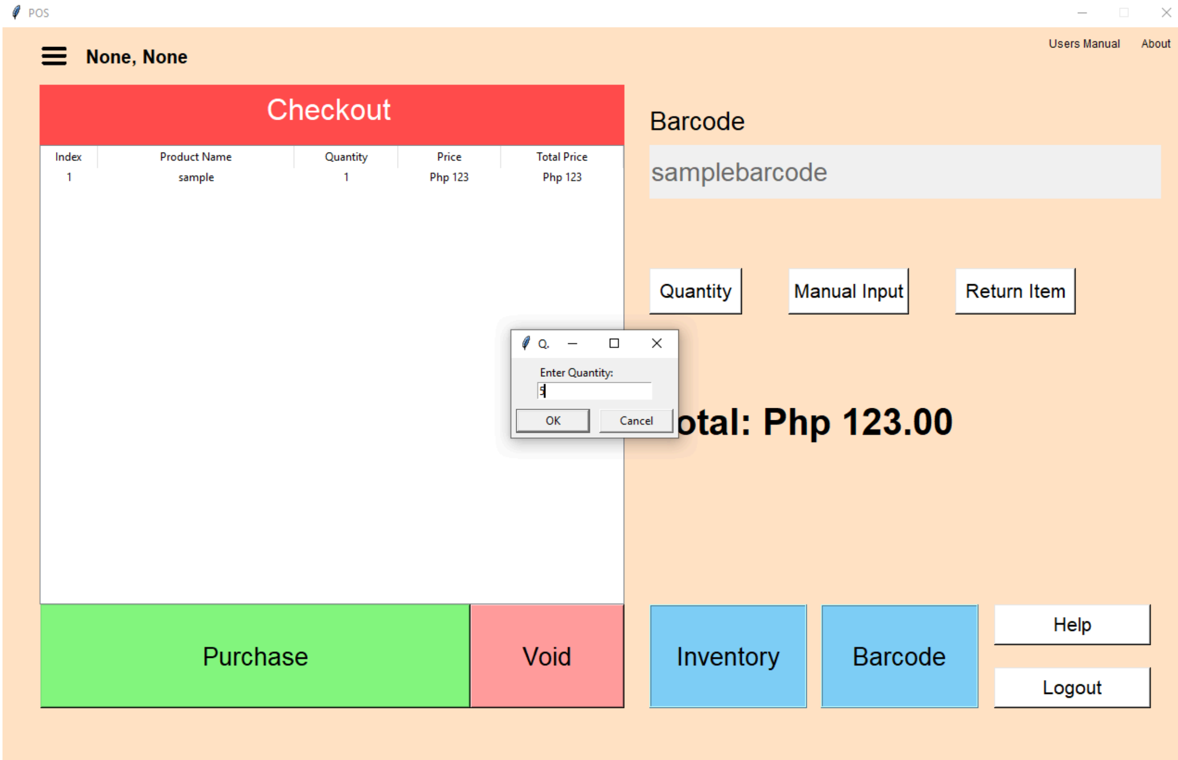
To begin a transaction without a Barcode scanner you need to click the manual input. Then enter the barcode of the product manually and click 'Okay'.





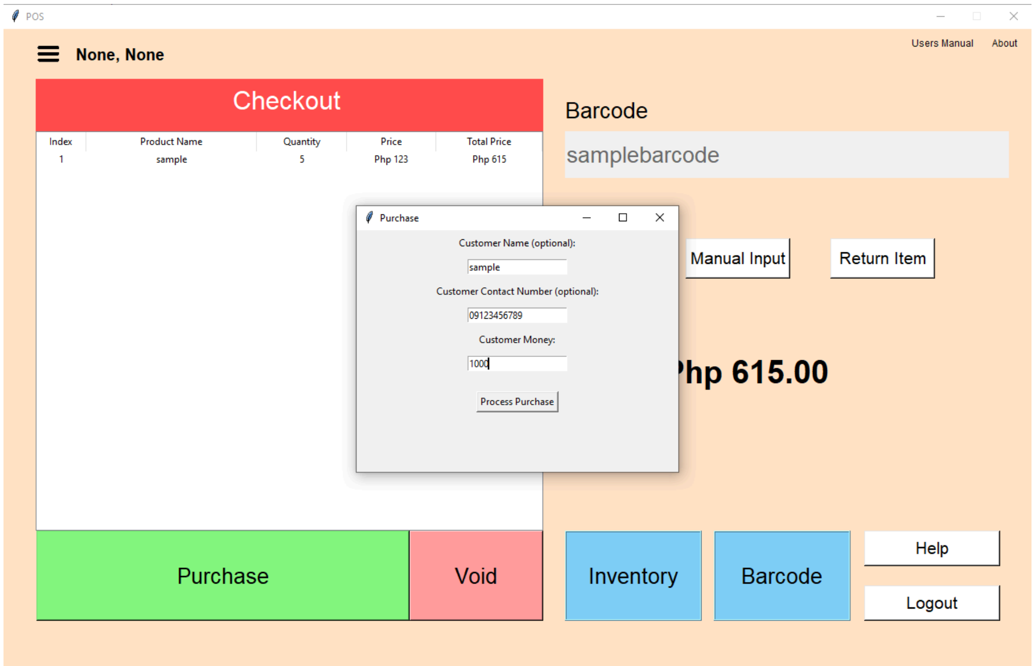
4.0 Same product with multiple quantity

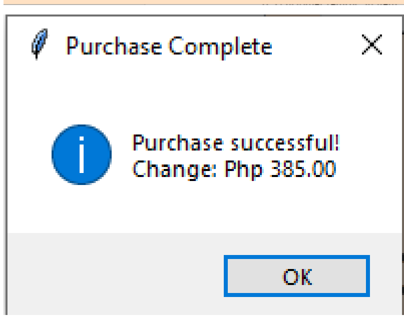
If a customer is buying the same product multiple times, you can scan the barcode or input the product manually first then click ‘Quantity’ to adjust the number of quantities.



5.0 Purchase

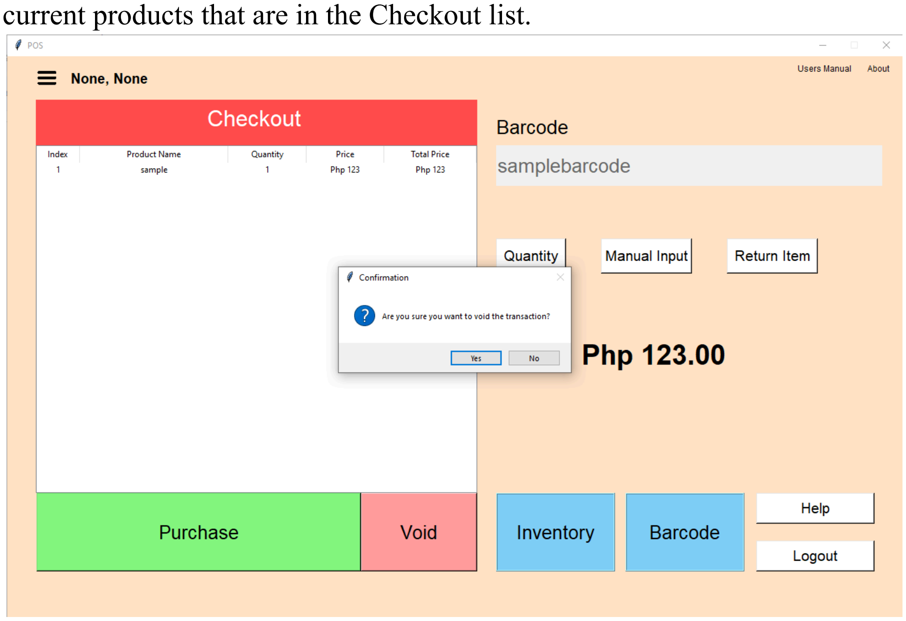
If all the products are in the 'Checkout' table you can now click the 'Purchase' button. it will prompt a new window where you need to input the money given by the customer and optionally the customer's name and contact number.





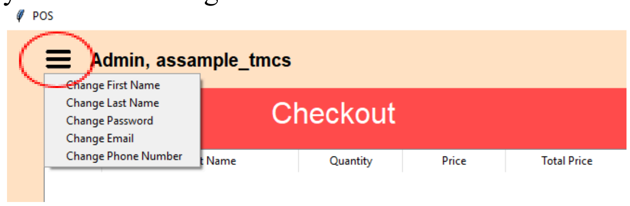
6.0 Void

If in case you need to cancel the transaction, you need to click the 'Void' button to void the current products that are in the Checkout list.



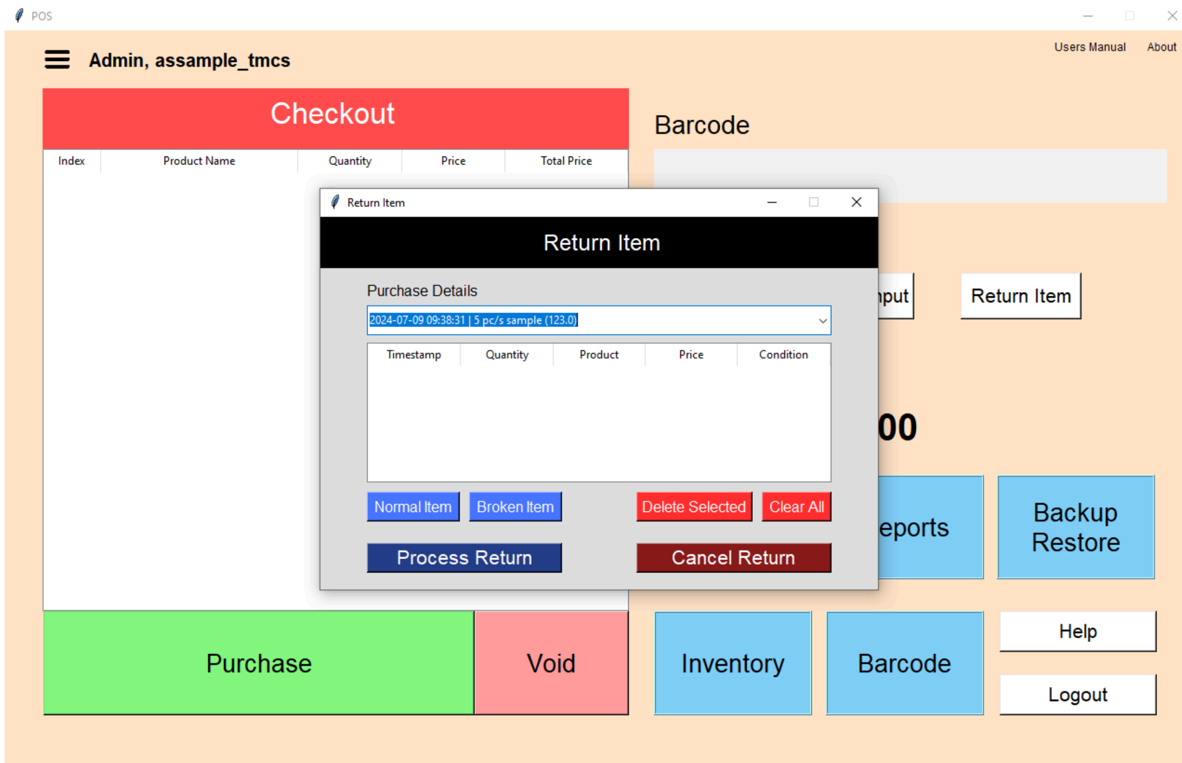
7.0 Change credentials

If you want to change the first name, last name, password, email, or phone number you just need to click the hamburger button on the upper left corner of the window and select the credentials you want to change.



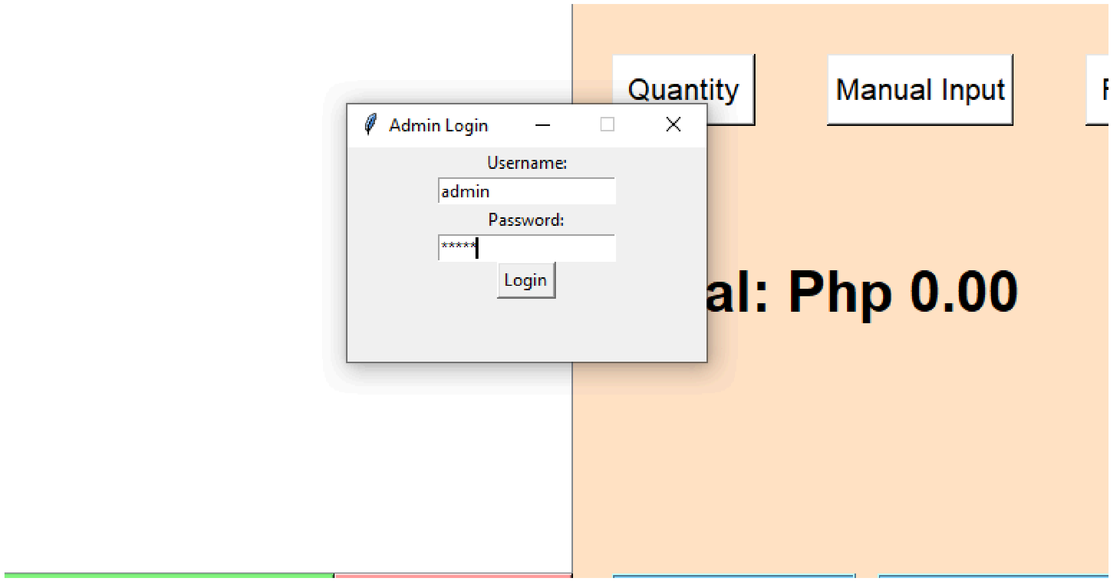
8.1 Return Item

If a customer returns an item, you can click the ‘Return Item’ button. Then you can select the item that was transacted. Then choose whether the reason for returning is because the product was broken then click “Broken Item” or just returning the item click “Normal Item”



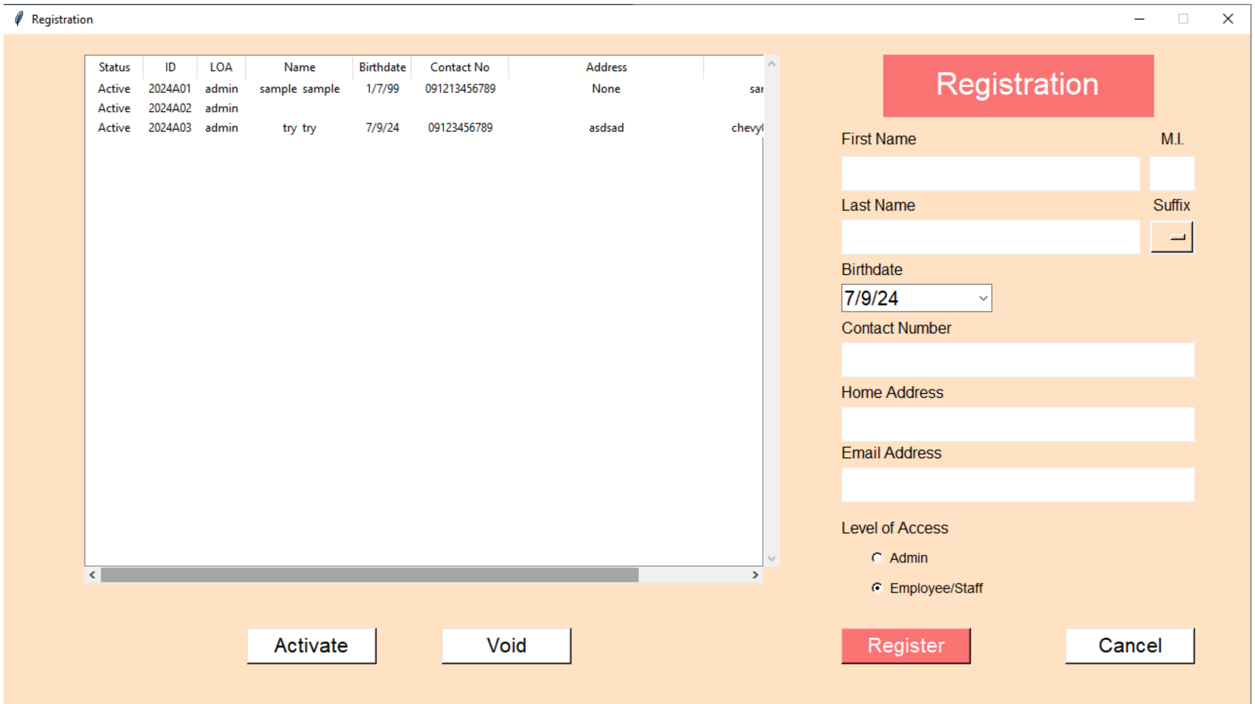
8.2 Return Item (not Admin)

If a customer returns an item, you can click the 'Return Item' button. If the user level of access is not an "Admin", it will prompt a window where an admin account needs to login to access the return item function.

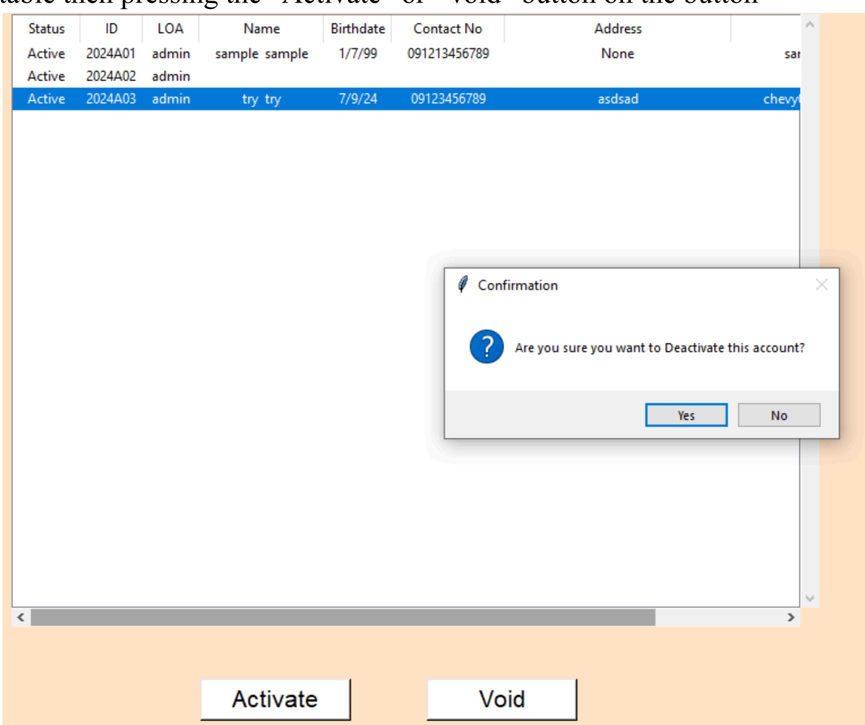


9.0 Accounts (Only Accessible by an Admin)

In the accounts button, this is where you can see the accounts that are registered and also create an account.

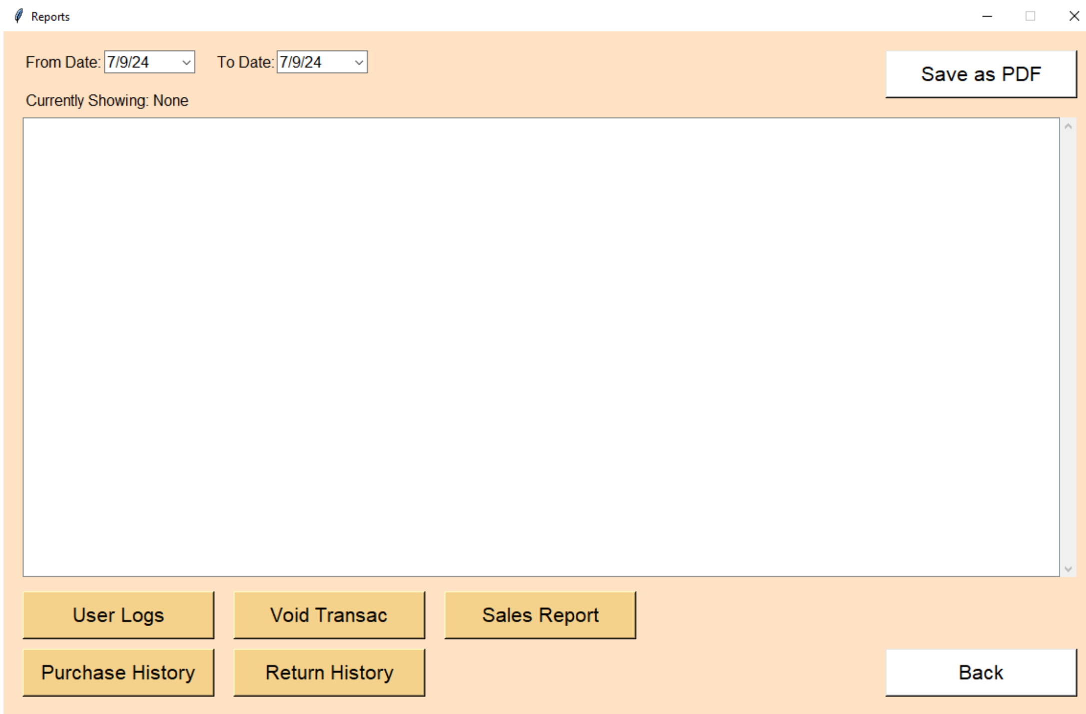


You can also Activate and Deactivate an account if necessary by selecting the account on the table then pressing the "Activate" or "Void" button on the button

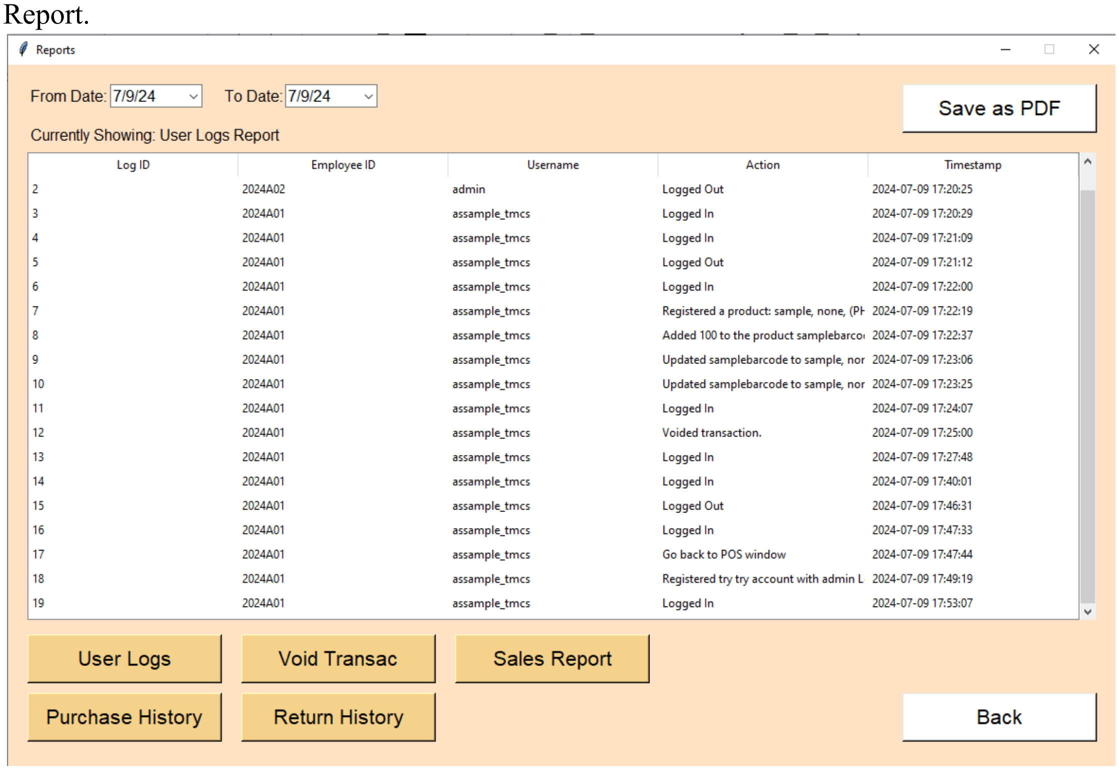


10.0 Reports (Only Accessible by an Admin)

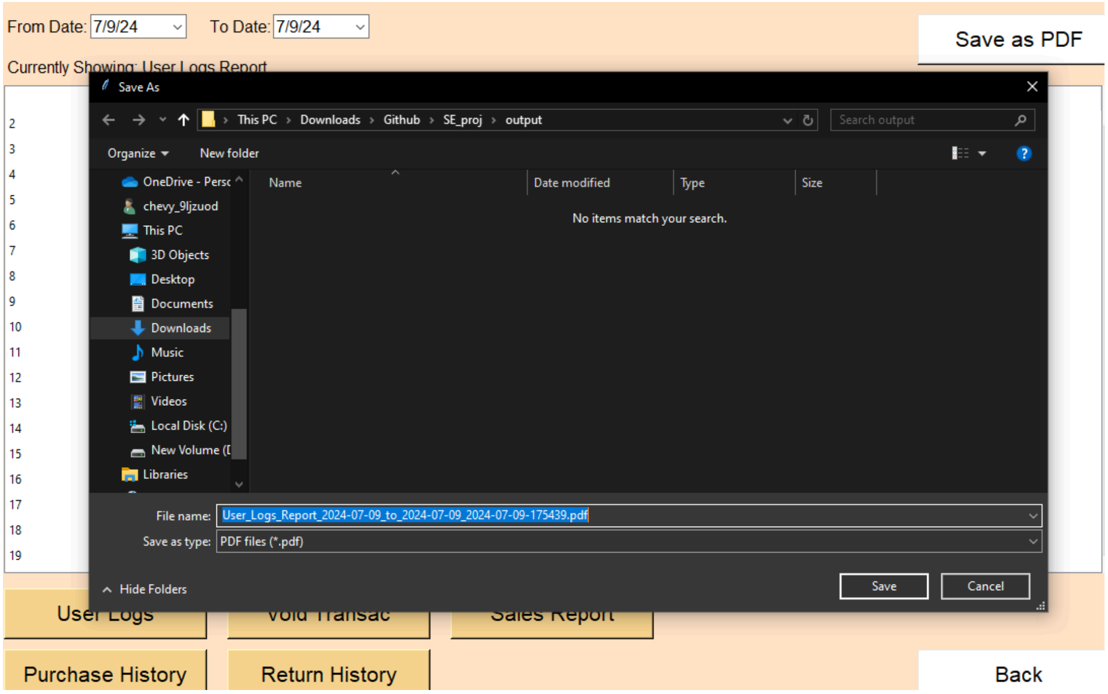
In the Reports button, this is where you can see the different reports.



You can select the user logs, Purchase history, Voided Transaction, Return History, and Sales Report.



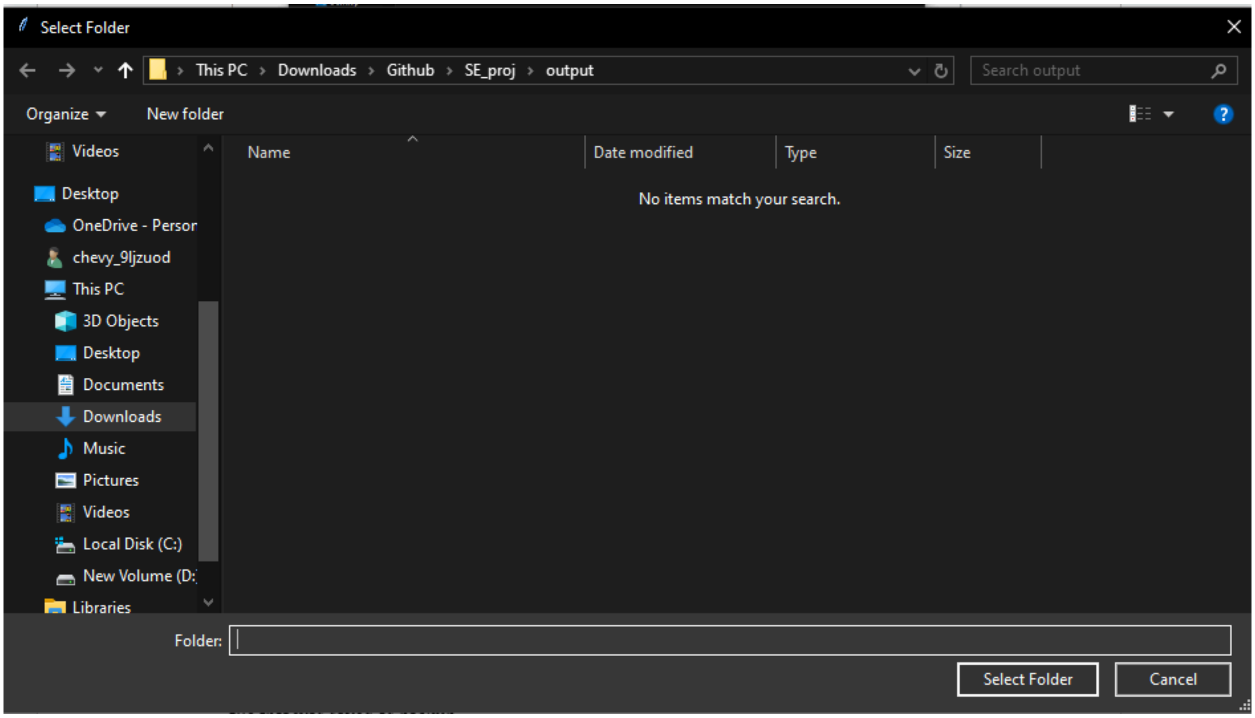
If you want to save the report you can select what report to print then click the “Save as PDF” button to save it as pdf. then select where you want to save the pdf.



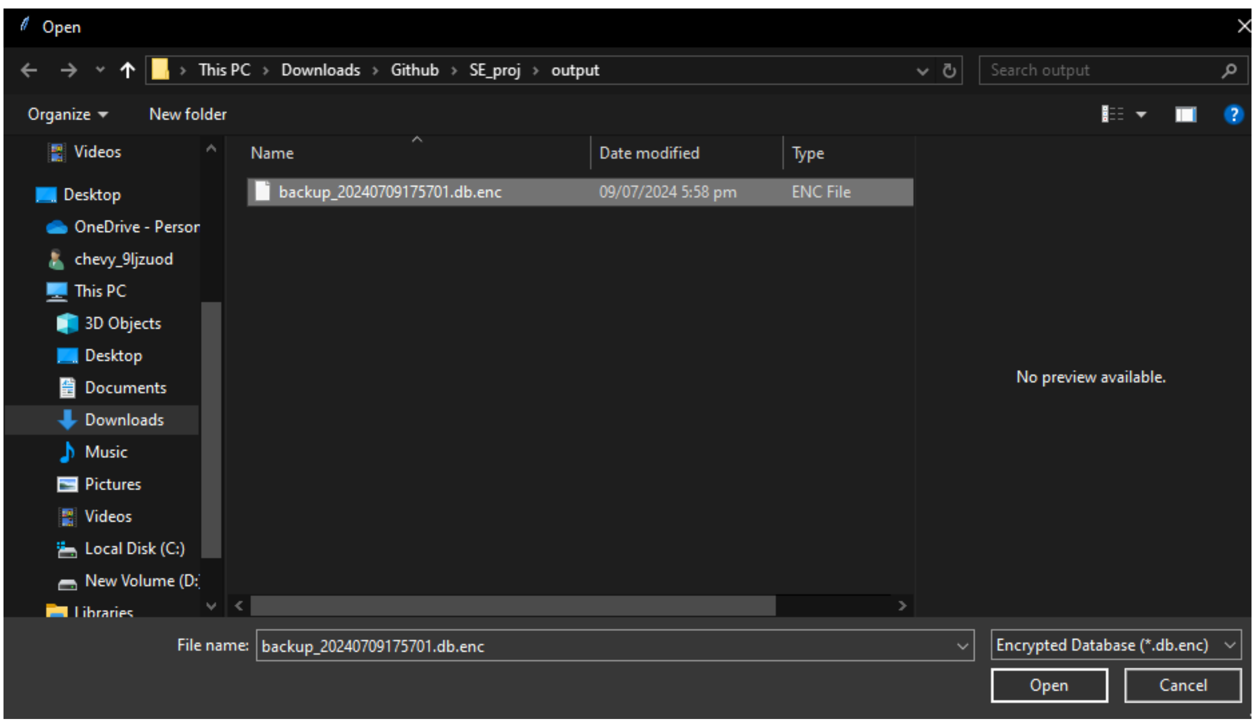
11.0 Backup and Restore (Only Accessible by an Admin)

If you need to add a backup of the system you can go to the Backup Restore button.

Then select the Backup to save the current database. Then select where you want to save the backup

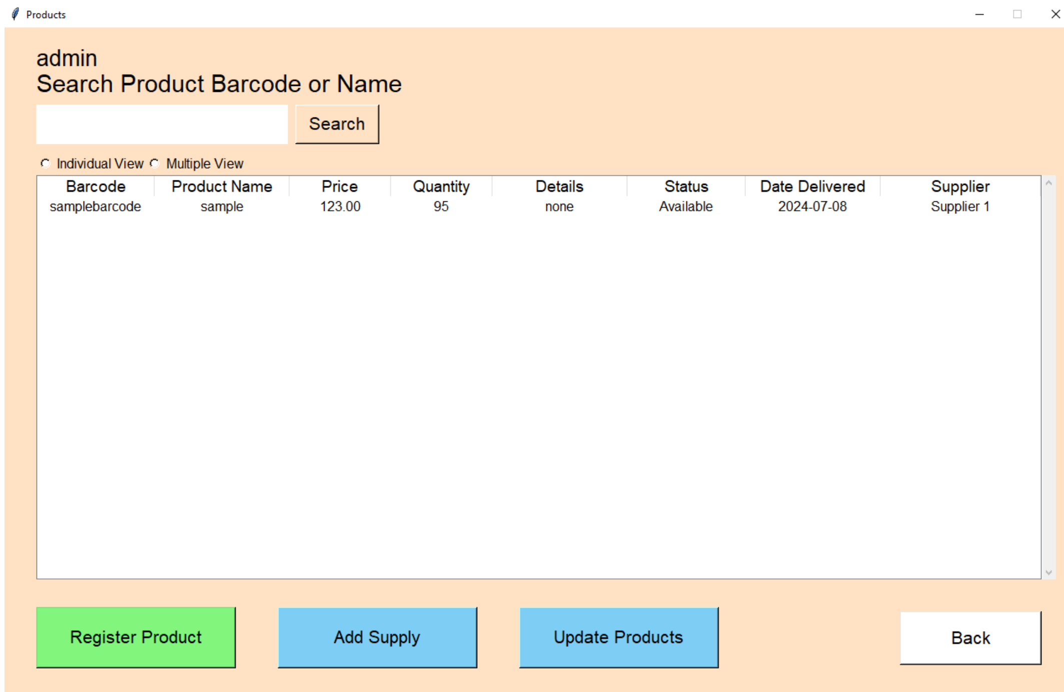


If you want to restore the past database you can click the Restore button then find and select the file that was saved as backup.

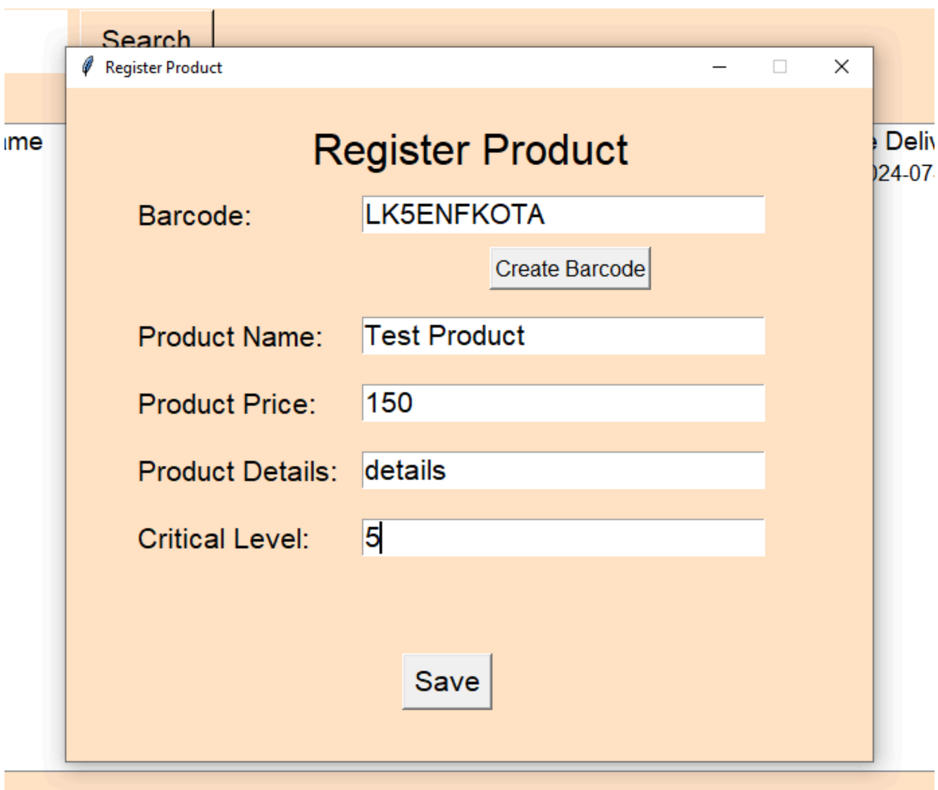


12.0 Inventory

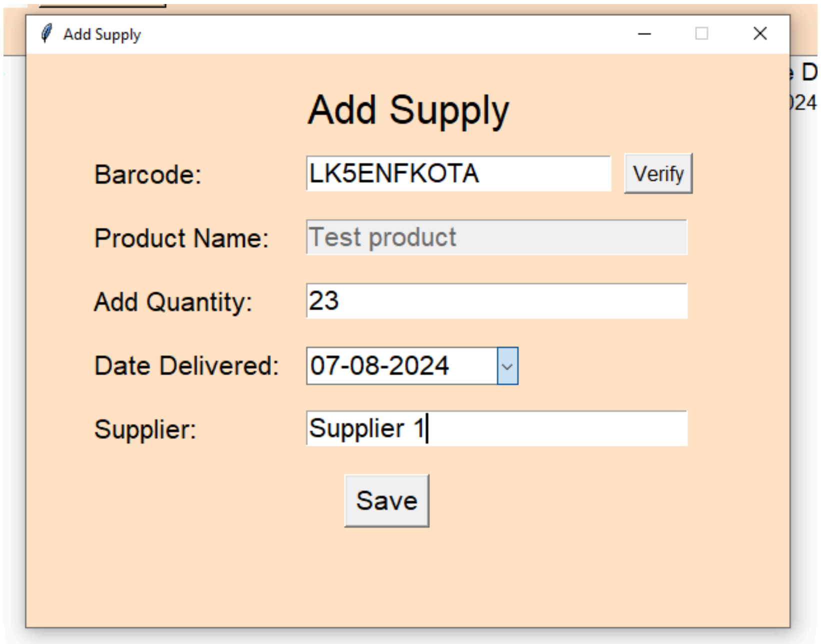
The inventory button is for checking, registering, adding supply, and updating the products (This is only accessible for users with “admin” level of access). If you click the inventory button it will show you a table with all the products. You can search a product by entering the barcode or the product name then clicking search.



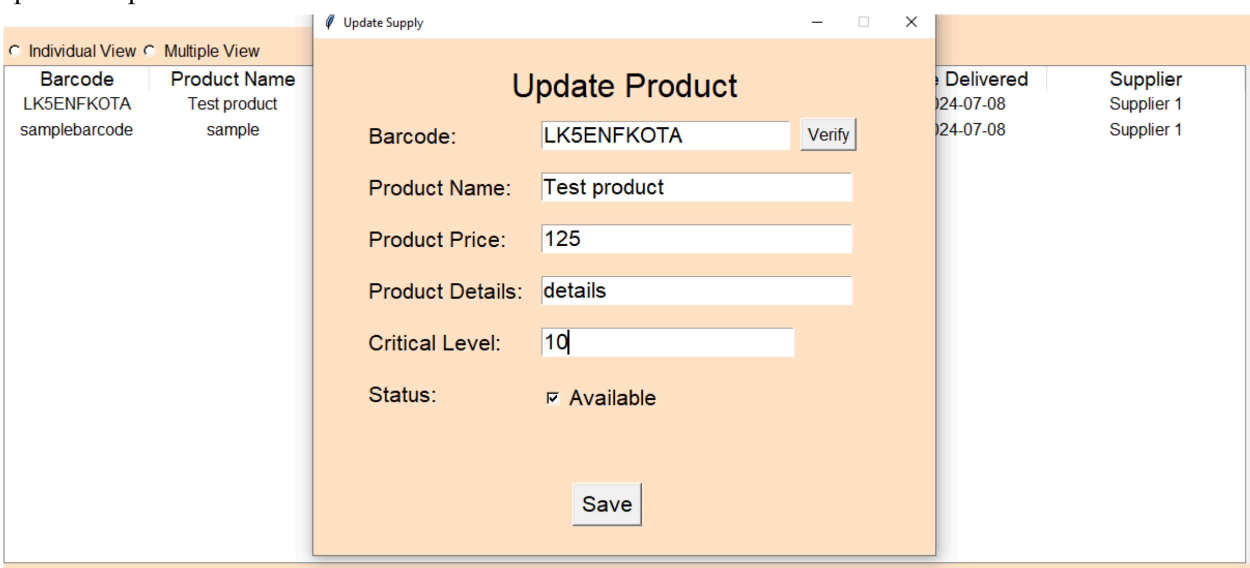
If you want to register a product you can go and click the "register product" button. This is where you need to input the necessary information of the product like the barcode, name, price, and critical level. You can also generate a new barcode if the product you are registering does not have a barcode to begin with. Then click save once finished.



If you want to add a supply in the system, you can click the "add supply " button, then you can enter the barcode then click "verify" to check if the product you want to add supply to is saved or registered on the system. Then click save once done. If the barcode is registered it will then ask for the number of quantity, the date when it was delivered, and the Supplier then click save.

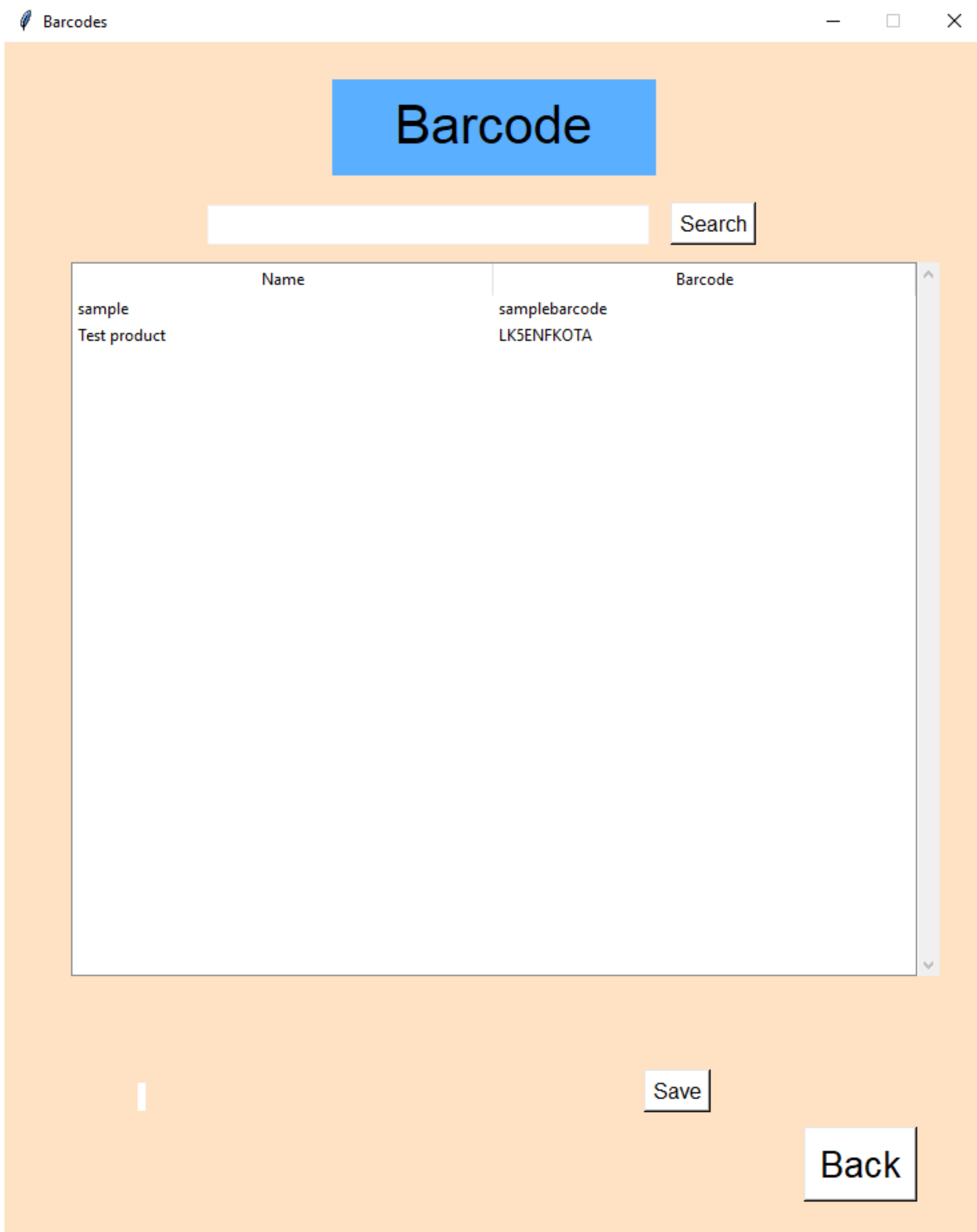


If you want to update a product name, price, details, critical level, and status you can click the "update products" button to then enter the barcode and click verify like in the add supply. It will then show the product name, price, deetails, its critical level, and the status Then click save to update the product.

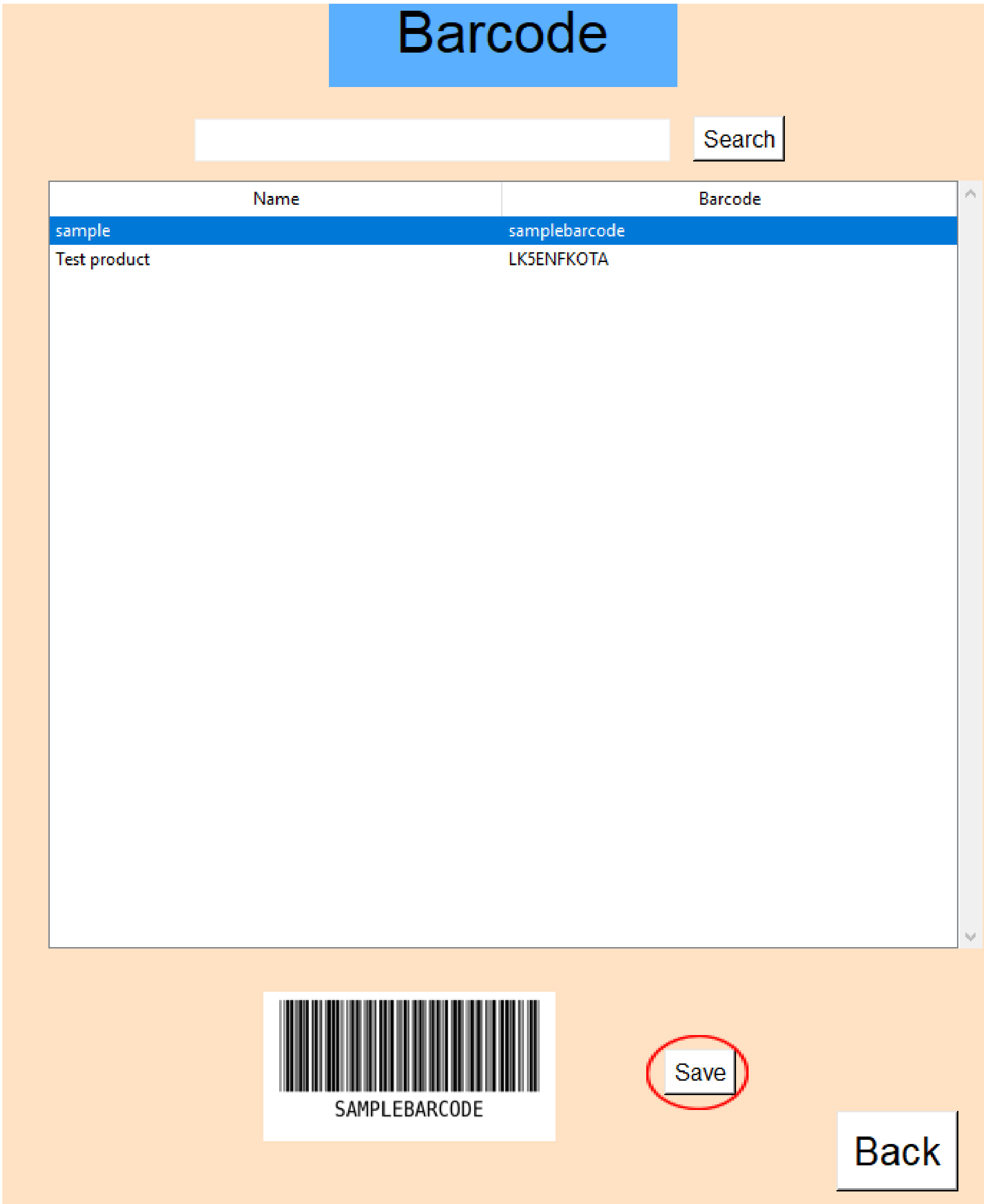


13.0 Barcodes

If you want to see the list of products with its barcodes you can click the "Barcodes " button. Here you can enter the product name or barcode on the entry above then click search to search and show the product.

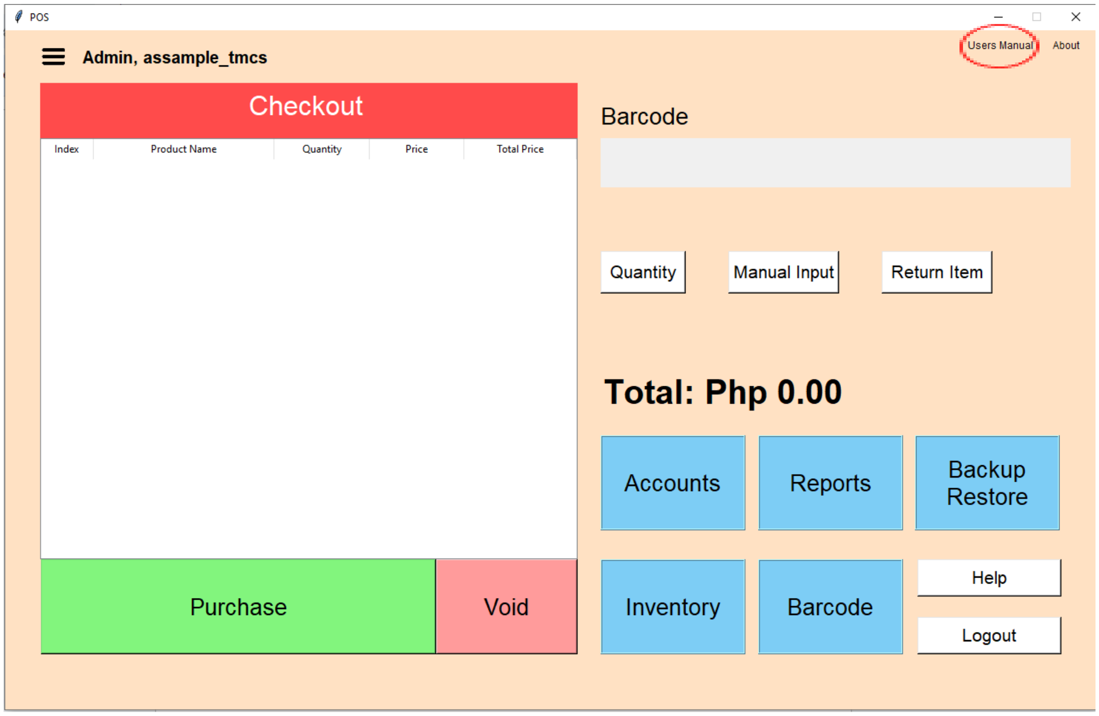


If you want to see the product barcode you just need to select the product on the table then it will show on the bottom the barcode and if you want to save it you just click the save button. It will create a new folder called Barcode where there will be save the barcode that you saved with its product name as an image file name.



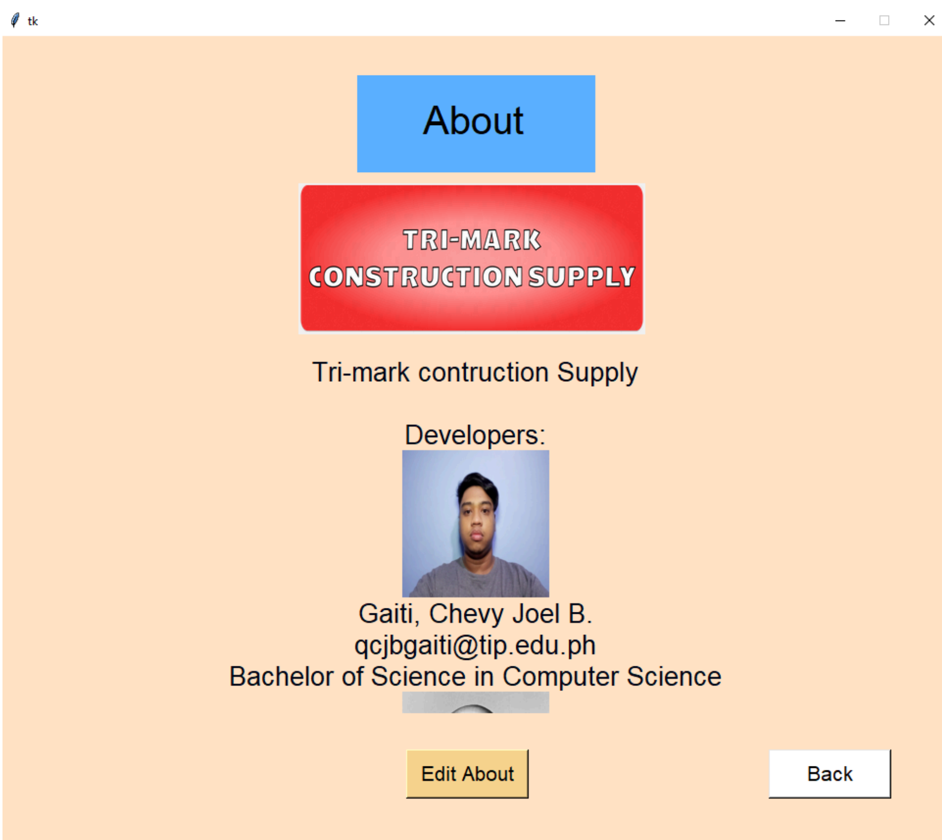
14.0 User Manual

To access the user manual, you can click the user manual text on the upper-right corner of the window. it will show the software's User Manual.



15.0 About

To access the about, you can click the about text on the upper-right corner of the window. it will show the software's description, the developers that made the software, and the logo. The logo can be changed if the user's level of access is admin, he/she can click the edit about button below to edit what was written in the about and also upload a new logo for the software.



16.0 Help

The help button is where you can see the frequently asked questions (FAQs) about the software. if the user's level of access is admin, he/she can add and edit questions by clicking the buttons below.