



USER MANUAL

COFFEE SHOP POINT-OF-SALE SYSTEM

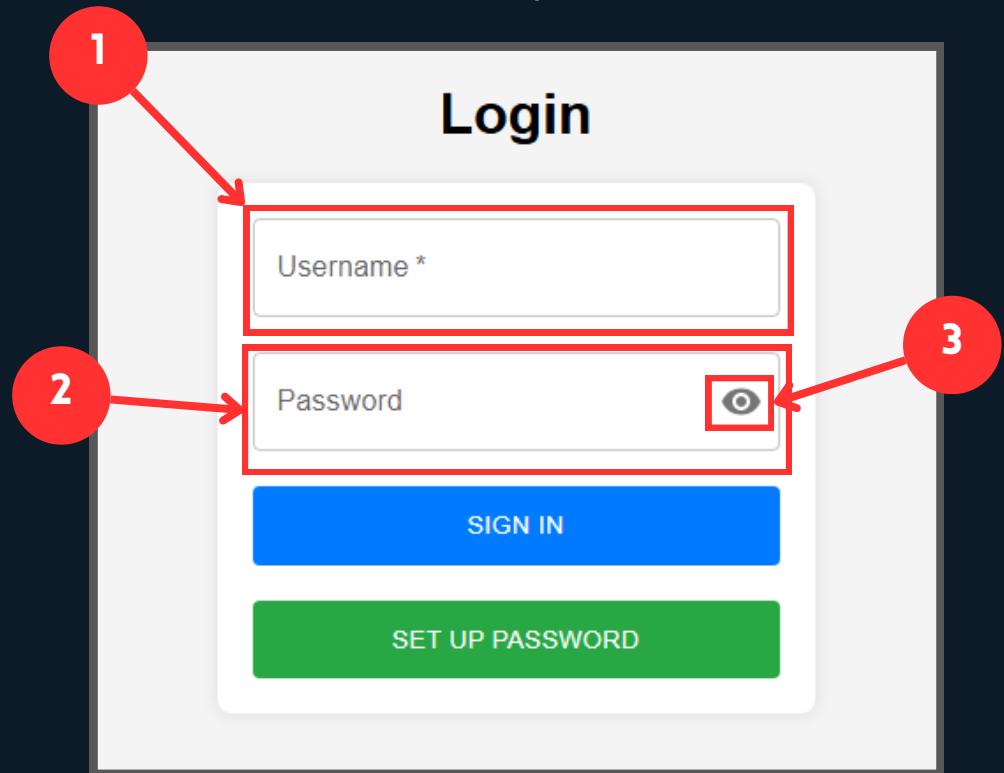
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LOGIN PAGE



1

The Username field is the area in which the username assigned to you must be entered

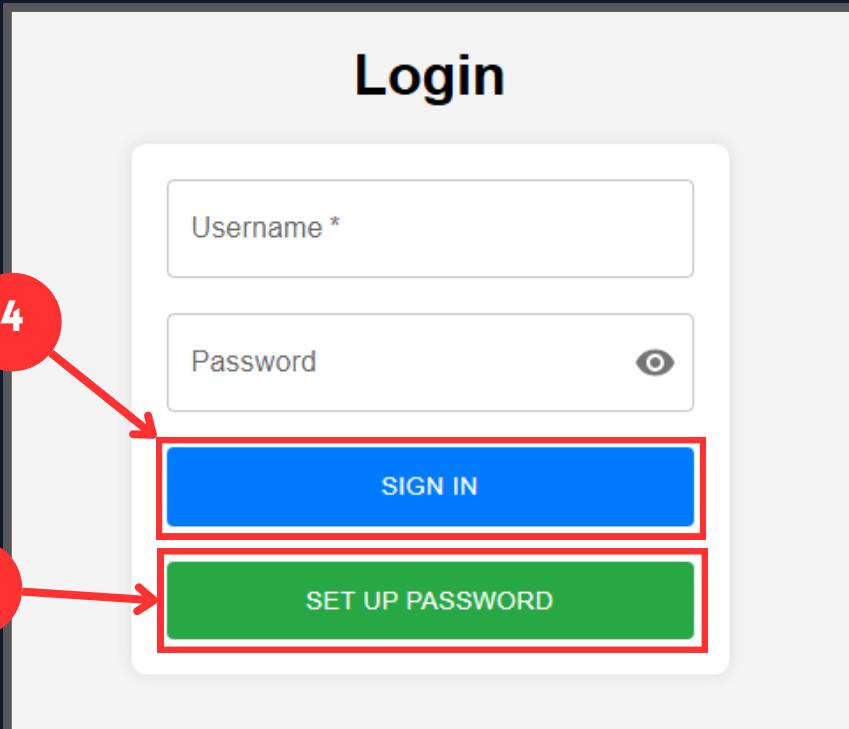
2

The Password field is where the password associated with your assigned username must be entered

3

Activating the Eye icon would toggle the text-hiding function of the password field, revealing or hiding the input in the Password field

LOGIN PAGE



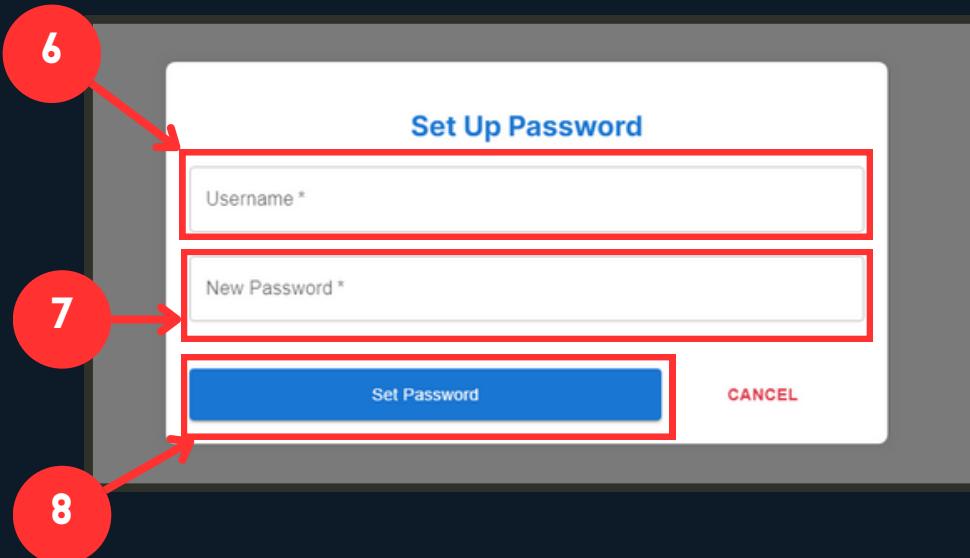
4

The Sign In button can be activated in order to attempt to access the system, given that the entered username and password pair is found in the database

5

The Set Up Password button can be activated in order to access an area where you can reassign the passwords associated with the stored usernames in the database

LOGIN PAGE



6

The Username field is where the username whose password you want to change is inputted

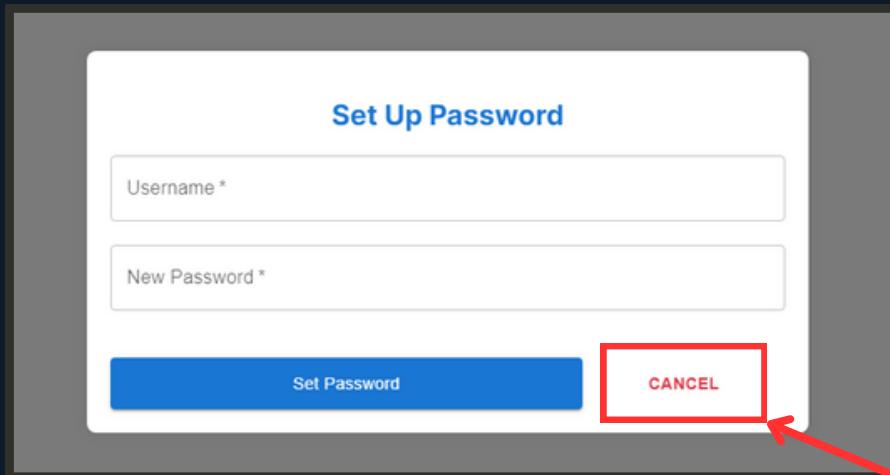
7

The New Password field is where the password that will replace the previous one is entered

8

Activating the Set Password button will set the password of the inputted username into the one entered in the New Password field, if the username is in the database

LOGIN PAGE



9

The Cancel button can be activated if you choose not to go through with changing an existing username's password to go back to the previous page

9

ADMIN

Create Account

Admins are able to create new users and assign them a role—cashier or manager. To add create a new user an admin must:

1. Enter a unique username for the account

The screenshot shows a user interface for creating a new user. At the top, the title "CREATE NEW USER" is displayed in blue capital letters. Below the title are three input fields. The first field, labeled "Username *", contains the text "OriginalUsername" and is highlighted with a thick red border. The second field, labeled "Password (Optional)", is empty. The third field, labeled "Role", contains the text "Manager" and includes a small dropdown arrow icon. At the bottom of the form is a large blue button with the white text "Create User".

2. Enter a password (optional)

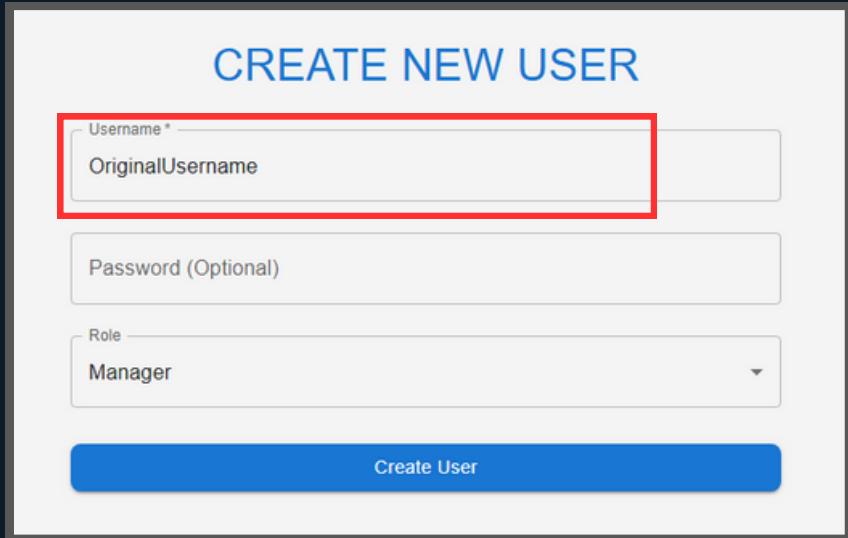
CREATE NEW USER

Username *
OriginalUsername

Password (Optional)

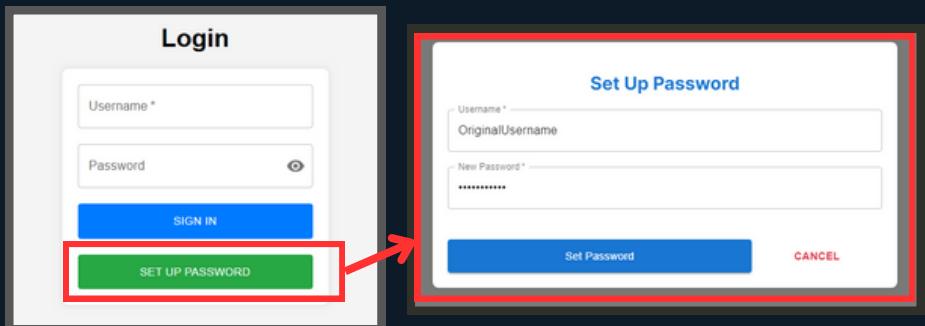
Role
Manager

Create User



2a. IF PASSWORD IS EMPTY

- The user will not be able to be accessed. The user, at the login page, would have to use Set Up Password in order to assign a password to their account using the username assigned to them by the admin.



Login

SET UP PASSWORD

Set Up Password

OriginalUsername

New Password*

Set Password

CANCEL

2b. IF PASSWORD IS FILLED

- The user will be able to access their account and perform the job assigned to them after they log in through the log in page using the details used during creation.

The diagram illustrates the user creation process. On the left, a 'CREATE NEW USER' form shows a success message 'User created successfully!' and fields for Username ('OriginalUsername'), Password (Optional), and Role ('Cashier'). A red box highlights the 'Password (Optional)' field, which is also highlighted in the 'Login' form on the right. A red arrow points from the 'Password (Optional)' field in the Create User form to the 'Password' field in the Login form. The Login form includes fields for 'Username' and 'Password', a 'SIGN IN' button, and a 'SET UP PASSWORD' button.

3. ROLE ASSIGNMENT

- The admin can select what type of account will be created between the choices of Cashier and Manager.

A screenshot of the 'CREATE NEW USER' form. It features fields for 'Username' and 'Password (Optional)'. Below these is a dropdown menu labeled 'Role' containing three options: 'Admin', 'Manager', and 'Cashier'. A large red box surrounds the entire 'Role' section, emphasizing the selection process.

4. CONFIRMATION

- Clicking the Create User button after having filled all the necessary fields will add the user account and its information into the database allowing it to be used when logging in

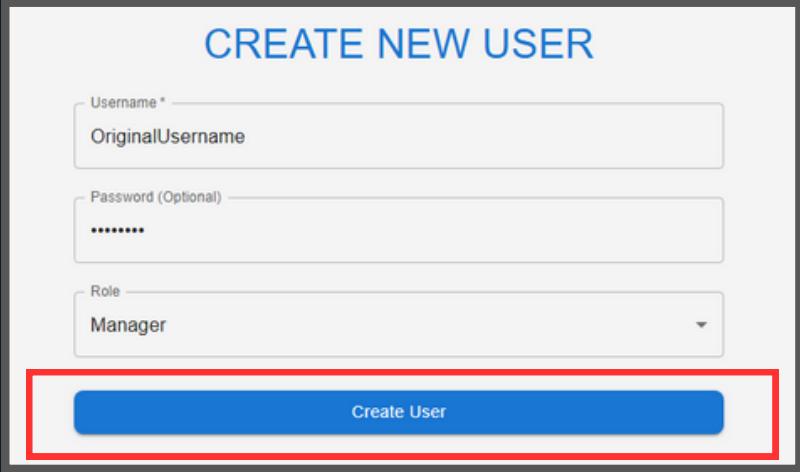
CREATE NEW USER

Username *
OriginalUsername

Password (Optional)

Role
Manager

Create User



CREATE NEW USER

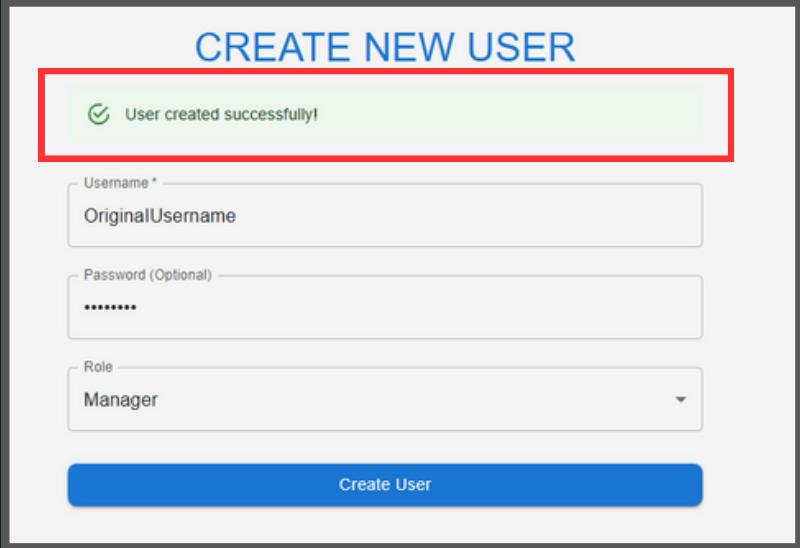
User created successfully!

Username *
OriginalUsername

Password (Optional)

Role
Manager

Create User



Admin Dashboard

Admins have access to a dashboard that shows them valuable statistics such as order history per day, order history for a member, and the most and least ordered items of the cafe.

CREATE NEW USER

Username *

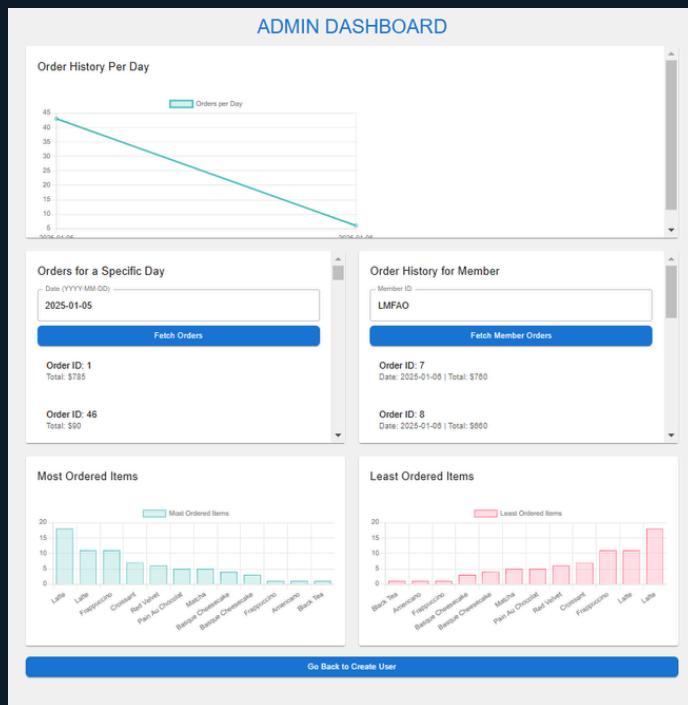
Password (Optional)

Role

Manager

Create User

View Dashboard



Get the Order History Per Day



Admins are able to view a line graph of the number of orders made per day.

Most & Least Ordered Items



Admins are able to view bar graphs of the most and least ordered items in the cafe.

Get the Order History for a Specific Day

The screenshot shows a user interface titled "Orders for a Specific Day". At the top, there is a text input field labeled "Date (YYYY-MM-DD)" containing the value "2025-01-05". Below the input field is a blue button labeled "Fetch Orders". Underneath the button, the results are displayed in two rows. The first row shows "Order ID: 1" and "Total: \$785". The second row shows "Order ID: 46" and "Total: \$90".

Admins can retrieve all orders placed on a specific day. This functionality allows admins to track daily transactions and analyze order patterns.

1. Enter a date in the format YYYY-MM-DD (e.g., 2025-01-05) in the provided text field.
2. Click the Fetch Orders button.
3. A list of all orders for the specified date will appear, including the Order ID and Total Price.

Get the Order History for a Member

The screenshot shows a user interface titled "Order History for Member". At the top, there is a text input field labeled "Member ID" containing the value "LMFAO". Below the input field is a blue button labeled "Fetch Member Orders". Underneath the button, the results are displayed in two rows. The first row shows "Order ID: 7" and "Date: 2025-01-06 | Total: \$780". The second row shows "Order ID: 8" and "Date: 2025-01-06 | Total: \$600".

Admins can retrieve the order history of a specific member by providing their unique member ID. This feature is used to review a member's purchase activity.

1. Enter the member's unique 5-character alphanumeric Member ID (e.g., A1B2C) in the provided text field.
2. Click the Fetch Member Orders button.
3. A list of the member's orders will be displayed, showing the Order ID, Date, and Total Price for each order.

MANAGER

Encode Items, Customizations

Managers are able to add items and customizations into the system, allowing them to be used in orders.

To create a new item:

1. Select the Item Type

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Item Type

Category

Amount

Item Name

P

HAS SIZE

Add Item

No items found for this category

2. Select the Category

- These categories are defined in the database and are restricted to certain Item Types

The screenshot shows a user interface for managing items. At the top, there are two tabs: "MANAGE ITEMS" on the left and "MANAGE CUSTOMIZATIONS" on the right. Below these tabs, there are several input fields and buttons. On the left, there is a dropdown labeled "Item Type" containing the value "Drink". To its right is another dropdown labeled "Category", which is highlighted with a thick red border. Below these dropdowns are two input fields: "Item Name" and "Amount". Underneath the "Amount" field is a small icon of a person. In the center, there is a button labeled "HAS SIZE" with a light blue background. At the bottom of the interface, a message reads "No items found for this category". A prominent blue button at the bottom center is labeled "Add Item".

3. Enter the Item Name and Price

- You can assign the new item its own name and price

The screenshot shows the 'MANAGE ITEMS' screen. At the top, there are two dropdown menus: 'Item Type' set to 'Drink' and 'Category' set to 'Espresso Drinks'. Below these is a form with 'Item Name' and 'Amount' fields. The 'Item Name' field contains 'Latte' and the 'Amount' field contains '₱5'. A red box highlights this entire row. Below the form is a button labeled 'HAS SIZE'. Further down is a blue button labeled 'Add Item'. Underneath these are three listed items: 'Latte - ₱5', 'Americano - ₱50', and 'Spanish - ₱30', each with a 'DELETE' and an 'Edit' button.

| Item Name | Amount |
|-----------|--------|
| Latte | ₱5 |
| Americano | ₱50 |
| Spanish | ₱30 |

We can also view a list of the items of the currently selected Item Type and Category, which in this case is Drink and Espresso Drinks respectively.

4. Choose a Size (optional)

- You can add item sizes if you so wish by clicking 'Has Size'

The screenshot shows the 'MANAGE ITEMS' screen. At the top, there are two dropdown menus: 'Item Type' set to 'Drink' and 'Category' set to 'Espresso Drinks'. Below these are input fields for 'Macchiato' and 'Amount' (₱ 20). A blue button labeled 'HAS SIZE' is highlighted with a red rectangle. A large blue button labeled 'Add Item' is below it. The main list area displays three items: 'Latte - ₱5' with 'DELETE' and 'Edit' buttons; 'Americano - ₱50' with 'DELETE' and 'Edit' buttons; and 'Spanish - ₱30' with 'DELETE' and 'Edit' buttons.

| Item | Price | Action | Action |
|-----------|-------|--------|--------|
| Latte | ₱5 | DELETE | Edit ➤ |
| Americano | ₱50 | DELETE | Edit ➤ |
| Spanish | ₱30 | DELETE | Edit ➤ |

4a. IF 'HAS SIZE' IS SELECTED

- Enter the Size Name and its Additional Cost which will be added with the Item's base price

The screenshot shows a software interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, there are dropdown menus for "Item Type" (set to "Drink") and "Category" (set to "Espresso Drinks"). A form for adding a new item is displayed, with "Macchiato" listed as the item name and "P 20" as the amount. A blue button labeled "Has Size" is present. Below it, a red box highlights the "Size Name" field (containing "P") and the "Additional Cost" field (containing "P"). A blue button labeled "+ ADD SIZE" is located below these fields. An "Add Item" button is also visible. Below the main form, three items are listed: "Latte - P5", "Americano - P50", and "Spanish - P30", each with a "DELETE" button and an "Edit" button.

| Item | Cost | Action |
|-----------|------|-------------|
| Latte | P5 | DELETE Edit |
| Americano | P50 | DELETE Edit |
| Spanish | P30 | DELETE Edit |

The '+ ADD SIZE' button can be selected to add another size option for the item.

MANAGE ITEMS

MANAGE CUSTOMIZATIONS

Item Type: Drink

Category: Espresso Drinks

Macchiato

Amount: ₱ 20

Large

Additional Cost: ₱ 10

+ ADD SIZE

Add Item

Latte - ₱5

Americano - ₱50

Spanish - ₱30

DELETE

Edit ➤

DELETE

Edit ➤

DELETE

Edit ➤

You can have three sizes for the 'Drink' Item Type as seen in the image below.

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Item Type: Drink Category: Espresso Drinks

Macchiato Amount: ₱ 20

Has Size

| | |
|----------|-------------------------|
| Large | Additional Cost ₱ 10 |
| Venti | Additional Cost ₱ 25 |
| Ultimate | Additional Cost ₱ 35 |

+ ADD SIZE

Add Item

Latte - ₱5 DELETE Edit ➡

4b. IF 'HAS SIZE' IS NOT SELECTED

- The user can proceed to Step 5.

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Item Type: Drink Category: Espresso Drinks

Macchiato Amount: ₱ 20

HAS SIZE

Add Item

| | | |
|-----------------|---------------------------------------|---------------------------------------|
| Latte - ₱5 | <input type="button" value="DELETE"/> | <input type="button" value="Edit ➤"/> |
| Americano - ₱50 | <input type="button" value="DELETE"/> | <input type="button" value="Edit ➤"/> |
| Spanish - ₱30 | <input type="button" value="DELETE"/> | <input type="button" value="Edit ➤"/> |

5. CONFIRM

- Once all of the definitions for the Item have been specified, the user can activate 'Add Item' in order to add the item with all its definitions into the database

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Item Type: Drink Category: Espresso Drinks

| | |
|-----------|-------------------------|
| Macchiato | Amount ₱ 20 |
| Large | Additional Cost ₱ 10 |
| Venti | Additional Cost ₱ 25 |
| Ultimate | Additional Cost ₱ 35 |

+ ADD SIZE

Add Item

Latte - ₱5 DELETE Edit ➡

The newly added item 'Macchiato' can be found in the list of Items under Drink and Espresso Drinks.

MANAGE ITEMS

MANAGE CUSTOMIZATIONS

Item Type: Drink

Category: Espresso Drinks

Amount: P

Item Name:

HAS SIZE

Add Item

| | | |
|-----------------|---------------------------------------|--|
| Latte - ₱5 | <input type="button" value="DELETE"/> | <input type="button" value="Edit >"/> |
| Americano - ₱50 | <input type="button" value="DELETE"/> | <input type="button" value="Edit >"/> |
| Spanish - ₱30 | <input type="button" value="DELETE"/> | <input type="button" value="Edit >"/> |
| Macchiato - ₱20 | <input type="button" value="DELETE"/> | <input type="button" value="Edit >"/> |

To create a new customization:

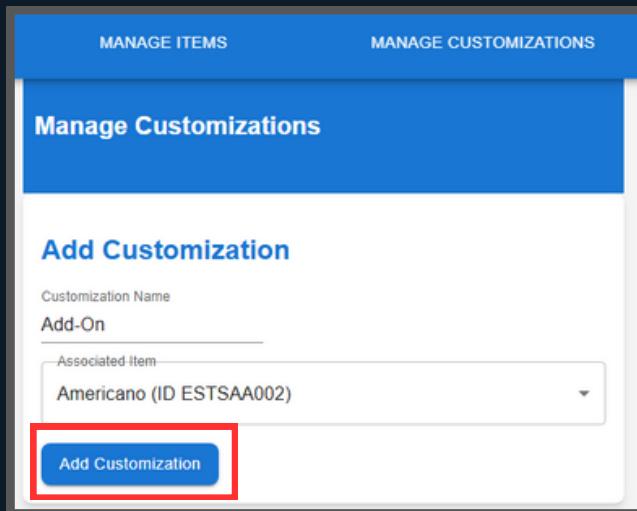
1. Enter the name for the new Customization

The screenshot shows a user interface for managing customizations. At the top, there are two tabs: 'MANAGE ITEMS' and 'MANAGE CUSTOMIZATIONS'. Below them is a main title 'Manage Customizations' and a sub-section title 'Add Customization'. A red box highlights the 'Customization Name' input field, which contains the text 'Add-On'. Below it is another input field labeled 'Associated Item' with a dropdown arrow. At the bottom is a blue 'Add Customization' button.

2. Enter the Item to which the Customization will be associated to

This screenshot shows the same 'Add Customization' form as the previous one. The 'Customization Name' field now contains 'Add-On'. The 'Associated Item' dropdown has been populated with the value 'Americano (ID ESTSAA002)', which is also highlighted by a red box. The blue 'Add Customization' button is visible at the bottom.

3. Click 'Add Customization' in order to confirm



The newly added Customization is seen in the Customizations List.

The screenshot shows a user interface for managing customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar contains the title "Manage Customizations". A sub-section titled "Add Customization" is visible, featuring fields for "Customization Name" and "Associated Item" (set to "Americano"), along with a "Add Customization" button. A red box highlights the "Customizations List" section below. This section has a header "Customizations List" and a sub-header "Add-On". It displays the message "Associated Item: Americano (ID ESTSAA002)" and includes buttons for "DELETE" and "Edit". Under "Options:", it says "No options available." and features a "Add Option" button. The entire "Customizations List" section is enclosed in a red border.

To create a new customization option:

1. Find the Customization in which you want to add the option to

The screenshot shows a user interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". The "MANAGE CUSTOMIZATIONS" tab is active, displaying a blue header bar with the text "Manage Customizations". Below this, a white section titled "Add Customization" contains fields for "Customization Name" and "Associated Item", along with a "Add Customization" button. A red box highlights the "Customizations List" section below. This section has a title "Customizations List" and a sub-section "Add-On". It displays the message "Associated Item: Americano (ID ESTSAA002)" and two buttons: "DELETE" and "Edit ➤". Under "Options:", it says "No options available." and features a table with columns "Option Name" and "Additional Cost", and a "Add Option" button.

| Option Name | Additional Cost |
|-------------|-----------------|
| | |

2. Add the Option Name and the Additional Cost

The screenshot shows a user interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar displays the title "Manage Customizations". The main content area is titled "Add Customization". It contains a "Customization Name" input field, a dropdown menu labeled "Associated Item" with a visible option "Americano", and a blue "Add Customization" button. Below this section, a heading "Customizations List" is followed by a section titled "Add-On". Under "Add-On", it says "Associated Item: Americano (ID ESTSAA002)" and provides "DELETE" and "Edit" buttons. A section titled "Options:" shows the message "No options available.". A table lists one customization option: "Extra Cream" with an "Additional Cost" of "10". A blue "Add Option" button is located to the right of the table. The entire table row is highlighted with a red border.

| Option Name | Additional Cost | |
|-------------|-----------------|------------|
| Extra Cream | 10 | Add Option |

3. Click 'Add Option' to add the option to the Customization

The screenshot shows a software interface for managing customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below them, a blue header bar says "Manage Customizations". The main area is titled "Add Customization". It has a "Customization Name" input field, a dropdown menu for "Associated Item" (set to "Americano"), and a blue "Add Customization" button. Below this is a section titled "Customizations List" with a heading "Add-On". It shows an item "Americano (ID ESTSAA002)" with a "DELETE" button and an "Edit" button. Under "Options:", it says "No options available." and lists one option: "Extra Cream" with an additional cost of "10". A red box highlights the "Add Option" button next to the "Edit" button.

Manage Items Manage Customizations

Manage Customizations

Add Customization

Customization Name

Associated Item

Add Customization

Customizations List

Add-On

Associated Item: Americano (ID ESTSAA002)

DELETE Edit ➤

Options:

No options available.

| Option Name | Additional Cost |
|-------------|-----------------|
| Extra Cream | 10 |

Add Option

4. Repeat, you may add more options (optional)

The screenshot shows a user interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar displays the title "Manage Customizations".

The main area is titled "Add Customization". It contains fields for "Customization Name" (with a placeholder "Associated Item") and a "Associated Item" dropdown menu. A blue "Add Customization" button is located below these fields.

Below the customization form is a section titled "Customizations List". It starts with an "Add-On" section for "Americano (ID ESTSAA002)". This section includes a "DELETE" button with a trash icon and an "Edit" button with a right-pointing arrow.

Underneath the "Add-On" section is a "Options:" heading. A red box highlights a table listing customization options:

| Option Name | Additional Cost | Action |
|---------------------|-----------------|---------------------------|
| Extra Cream (+\$10) | | Delete Option Edit Option |
| Extra Coffee | 15 | Add Option |

Modify Encoded Items, Customizations

Managers are able to modify items and customizations already added in the system.

To modify an existing item:

1. Find the item you wish to modify

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Item Type: Drink Category: Espresso Drinks

Item Name: P Amount: P

HAS SIZE

Add Item CANCEL

| | | |
|-------------------------------|------------------------------------|----------------------------------|
| Latte P5 DELETE EDIT | Americano P50 DELETE EDIT | Spanish P30 DELETE EDIT |
|-------------------------------|------------------------------------|----------------------------------|

2. Click 'EDIT' on the item you want to modify

MANAGE ITEMS

Item Type: Drink

Category: Espresso Drinks

Amount: ₱ 5

Latte

HAS SIZE

Update Item CANCEL

Latte ₱5 DELETE EDIT

Americano ₱50 DELETE EDIT

Spanish ₱30 DELETE EDIT

The values in the fields above would be filled with the current definitions of those same fields from the item being modified.

3. Modify the field or fields

The screenshot shows a mobile application interface for managing items. At the top, there are two tabs: "MANAGE ITEMS" on the left and "MANAGE CUSTOMIZATIONS" on the right. Below these tabs is a form for modifying an item. The form includes the following fields:

- Item Type:** Drink (selected from a dropdown menu)
- Category:** Espresso Drinks (selected from a dropdown menu)
- Name:** Latte
- Amount:** ₱ 50
- Relationship:** HAS SIZE (indicated by a blue button)

At the bottom of the form are two buttons: "Update Item" (blue) and "CANCEL" (white). A red rectangular box highlights the entire form area.

Below the form, there is a grid of three items, each with its name, price, and edit/delete buttons:

| Item Name | Price | Action |
|-----------|-------|--|
| Latte | ₱5 | DELETE EDIT |
| Americano | ₱50 | DELETE EDIT |
| Spanish | ₱30 | DELETE EDIT |

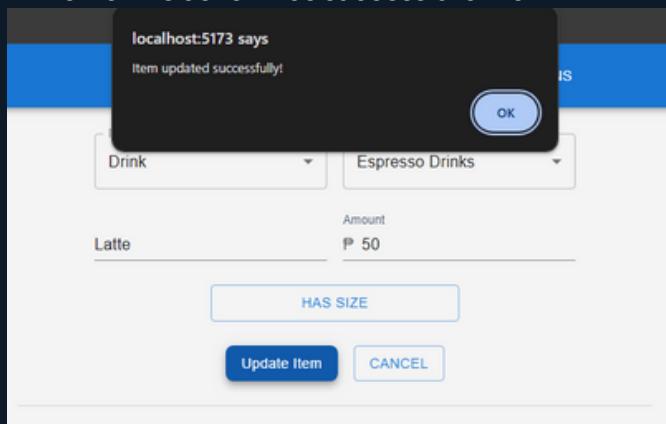
Any modification of the fields will overwrite the Item's definitions to whatever is on the field once the modification is confirmed.

4. Click 'Update Item' to confirm

- Clicking 'Update Item' would set the Item's definitions to what is currently indicated in the fields

The screenshot shows the 'MANAGE ITEMS' screen. At the top, there are dropdown menus for 'Item Type' (set to 'Drink') and 'Category' (set to 'Espresso Drinks'). Below these are input fields for 'Latte' and 'Amount' (set to '₱ 50'). A blue button labeled 'HAS SIZE' is visible. At the bottom, there is a row of cards for different items: 'Latte' (₱5), 'Americano' (₱50), and 'Spanish' (₱30). Each card has a 'DELETE' button (with a red border) and an 'EDIT' button. A red box highlights the blue 'Update Item' button, which is positioned between the 'HAS SIZE' button and the 'CANCEL' button.

A notification will show up when 'Update Item' is activated to confirm whether the action was successful or not.



To modify an existing customization:

1. Find the customization you wish to modify

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Manage Customizations

Add Customization

Customization Name _____

Associated Item _____

Add Customization

Customizations List

Add-On

Associated Item: Americano (ID ESTSAA002)

DELETE Edit >

Options:

Extra Cream (+\$10) Delete Option Edit Option

Option Name _____ Additional Cost _____

Add Option

2. Click the 'Edit' button of the customization to be modified

The screenshot shows a user interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". The "MANAGE CUSTOMIZATIONS" tab is active, displaying a blue header bar with the text "Manage Customizations". Below this, a section titled "Add Customization" contains fields for "Customization Name" (a text input field) and "Associated Item" (a dropdown menu). A blue "Add Customization" button is located below these fields. To the right, under the heading "Customizations List", there is a section for an "Add-On" named "Americano (ID ESTSAA002)". This section includes a "DELETE" button and an "Edit" button, which is highlighted with a red box. Below this, there is a table-like structure for "Options" with columns for "Option Name" and "Additional Cost". Buttons for "Delete Option" and "Edit Option" are shown above the table, and a "Add Option" button is located to the right.

| Option Name | Additional Cost |
|---------------------|-----------------|
| Extra Cream (+\$10) | |

Add-On
Associated Item: Americano (ID ESTSAA002)

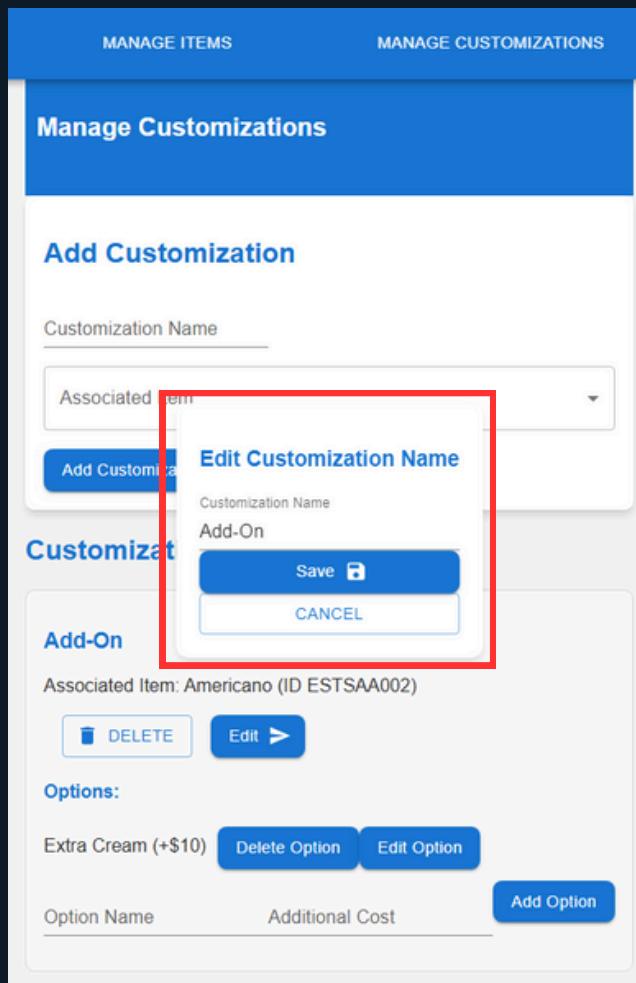
DELETE Edit >

Options:

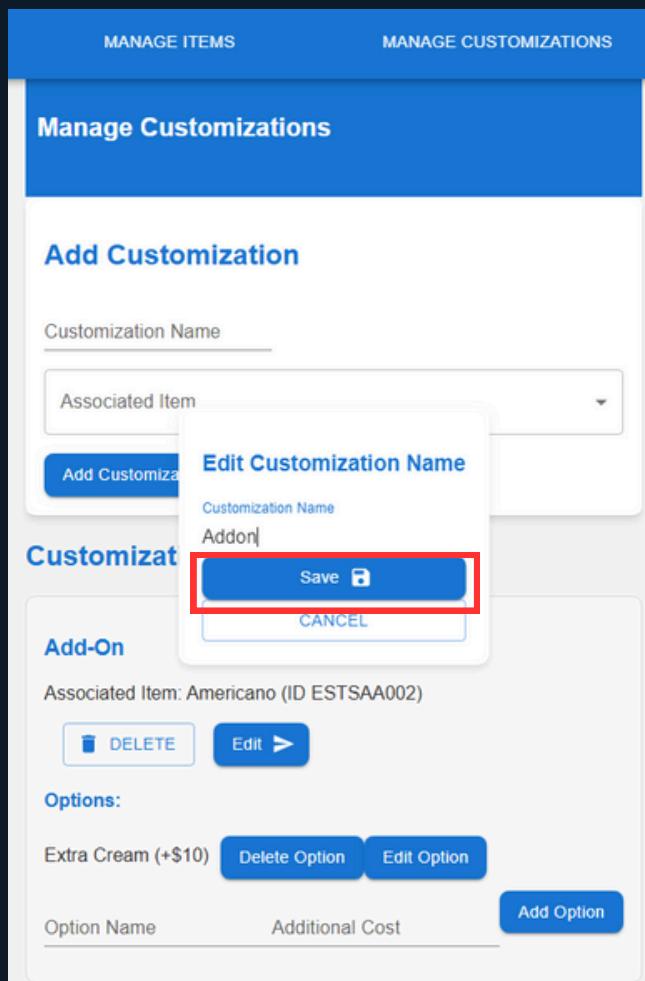
Extra Cream (+\$10) Delete Option Edit Option

Option Name Additional Cost Add Option

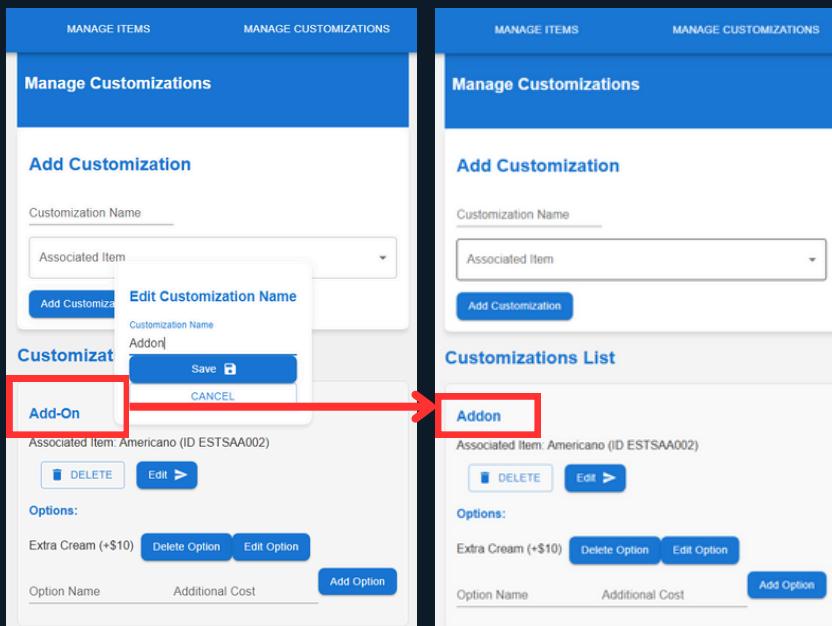
3. Modify the customization name



4. Click the 'Save' button



The customization name will be updated to what is inputted.



To modify an existing customization option:

1. Find the customization option to be modified

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Manage Customizations

Add Customization

Customization Name _____

Associated Item _____

Add Customization

Customizations List

Add-On

Associated Item: Americano (ID ESTSAA002)

DELETE Edit ➤

Options:

| Option Name | Additional Cost |
|---------------------|---|
| Extra Cream (+\$10) | Delete Option Edit Option |

Add Option

2. Click 'Edit Option'

The screenshot shows a user interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar displays the title "Manage Customizations".

The main area is titled "Add Customization" and contains fields for "Customization Name" and "Associated Item", along with a "Add Customization" button.

Below this, a section titled "Customizations List" shows a single entry for an "Add-On". The entry includes the text "Associated Item: Americano (ID ESTSAA002)" and two buttons: "DELETE" and "Edit ➤".

Under the "Options:" heading, there is a row for "Extra Cream (+\$10)". This row includes a "Delete Option" button and an "Edit Option" button, which is highlighted with a red rectangular box. To the right of this row is a "Add Option" button. Below this row, there are columns for "Option Name" and "Additional Cost", with a horizontal line indicating they can be expanded.

3. Modify the fields

The screenshot shows a software interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar displays the title "Manage Customizations". A sub-header "Add Customization" is visible. In the main area, there is a form for adding a customization. The "Customization Name" field contains "Associated Item". Below it, a button labeled "Add Customization" is visible. A modal window titled "Edit Option" is displayed over the main form. This modal contains fields for "Option Name" (set to "Extra Cream") and "Additional Cost" (set to "10"). It also features a "Save" button with a checkmark icon and a "CANCEL" button. A red rectangular box highlights this modal window. In the background, there is a section titled "Customization Options" which includes an "Addon" section for "Associated Item: Americano (ID: E513FA002)" with "DELETE" and "Edit" buttons, and an "Options:" section listing "Extra Cream (+\$10)" with "Delete Option" and "Edit Option" buttons. There are also input fields for "Option Name" and "Additional Cost", and a "Add Option" button.

MANAGE ITEMS MANAGE CUSTOMIZATIONS

Manage Customizations

Add Customization

Customization Name

Associated Item

Add Customization

Edit Option

Option Name
Extra Cream

Additional Cost
10

Save CANCEL

Customization Options

Addon

Associated Item: Americano (ID: E513FA002)

Options:

Extra Cream (+\$10)

Option Name Additional Cost

4. Click 'Save' in order to confirm the changes

The screenshot shows a user interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar contains the title "Manage Customizations" and a sub-section "Add Customization". A "Customization Name" input field is present. A modal window is open, titled "Edit Option", containing fields for "Option Name" (set to "Extra Cream") and "Additional Cost" (set to "20"). At the bottom of this modal is a blue "Save" button with a white icon, which is highlighted with a red rectangular border. Below the modal, the main area shows an "Addon" section with an "Associated Item" dropdown set to "Americano (ID: E515A9002)". It includes a "DELETE" button and an "Edit" button. An "Options:" section lists "Extra Cream (+\$10)" with "Delete Option" and "Edit Option" buttons. A "Add Option" button is also visible.

The changes are reflected and can be observed.

The image shows two screenshots of a software application interface for managing item customizations.

Screenshot 1 (Left): Add Customization Dialog

- Header:** Manage Items, Manage Customizations
- Title:** Manage Customizations
- Section:** Add Customization
- Form Fields:** Customization Name (empty), Associated Item (dropdown), Option Name (Extra Cream), Additional Cost (20).
- Buttons:** Save (with icon), Cancel.
- Result:** Shows the customization has been added to the list.

Screenshot 2 (Right): Customizations List

- Header:** Manage Items, Manage Customizations
- Title:** Manage Customizations
- Section:** Add Customization
- Form Fields:** Customization Name (empty), Associated Item (dropdown), Add Customization button.
- Section:** Customizations List
- Table:** Shows a list of customizations with columns: Option Name (Extra Cream), Additional Cost (\$20), Delete Option, Edit Option.
- Buttons:** Add Option.

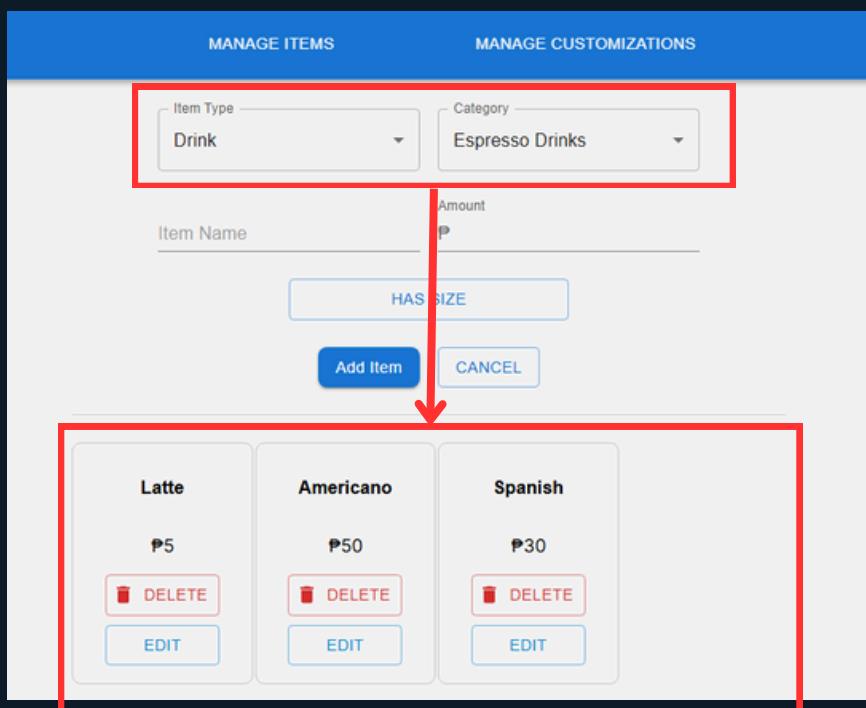
A red arrow points from the "Edit Option" dialog in Screenshot 1 to the "Edit Option" button in the "Customizations List" in Screenshot 2, indicating that the change made in the dialog is reflected in the list.

Delete Items, Customizations

Managers are able to delete items and customizations found in the system database.

To delete an existing item:

1. Set the Item Type and Category to the ones of the item to be deleted in order to access the Item List of those items



2. Click the 'Delete' button of the Item to be deleted

The screenshot shows the 'MANAGE ITEMS' screen. At the top, there are dropdown menus for 'Item Type' (set to 'Drink') and 'Category' (set to 'Espresso Drinks'). Below these are fields for 'Item Name' (containing 'P') and 'Amount'. A button labeled 'HAS SIZE' is present. At the bottom, there are three cards representing items:

- Latte**: Price ₱5, with a 'DELETE' button.
- Americano**: Price ₱50, with a 'DELETE' button.
- Spanish**: Price ₱30, with a 'DELETE' button, which is highlighted with a red box.

Below each card are 'EDIT' buttons.

The item is immediately deleted from the list and the system database.

The screenshot shows a mobile application interface for managing items. At the top, there are two buttons: "MANAGE ITEMS" on the left and "MANAGE CUSTOMIZATIONS" on the right. Below these are several input fields and buttons. On the left, there are dropdown menus for "Item Type" (set to "Drink") and "Category" (set to "Espresso Drinks"). To the right of these are fields for "Amount" (with a placeholder "P") and "Item Name" (with a placeholder "Item Name"). Below these fields is a button labeled "HAS SIZE". At the bottom of the screen, there are two buttons: "Add Item" (blue) and "CANCEL" (white). The main list area contains two items: "Americano" and "Latte". Each item has a price ("P50" and "P5" respectively), a red "DELETE" button with a trash icon, and a blue "EDIT" button. The "Latte" item is highlighted with a red rectangular border. The entire interface is set against a white background with a blue header bar.

| Item | Price | Action |
|-----------|-------|-------------|
| Americano | P50 | DELETE EDIT |
| Latte | P5 | DELETE EDIT |

To delete an existing customization:

1. Find the customization to be deleted in the Customizations List.

The screenshot shows a user interface for managing customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below them is a blue header bar with the title "Manage Customizations".

Add Customization

Customization Name: _____

Associated Item: _____

Add Customization

Customizations List

Addon
Associated Item: Americano (ID ESTSAA002)

Options:

Extra Cream (+\$20) **Delete Option** **Edit Option**

Option Name: _____ Additional Cost: _____ **Add Option**

A red rectangular box highlights the "Customizations List" section, specifically the row for the "Addon" customization.

To delete an existing customization:

2. Click the 'DELETE' button with a trash can icon.

The screenshot shows a user interface for managing customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below them is a blue header bar with the title "Manage Customizations".

Add Customization

Customization Name: _____

Associated Item: _____

Add Customization

Customizations List

Addon

Associated Item: Americano (ID ESTSAA002)

DELETE **Edit >**

Options:

Extra Cream (+\$20) **Delete Option** **Edit Option**

Option Name _____ Additional Cost _____ **Add Option**

A red box highlights the "DELETE" button for the "Addon" row, indicating it is the target for deletion.

The customizations item will be removed from the Customizations List. As observed in the image where the item below it is now on top.

The screenshot shows a software interface for managing customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar contains the title "Manage Customizations". Underneath, a section titled "Add Customization" includes fields for "Customization Name" and "Associated Item", followed by a "Add Customization" button. Below this is a section titled "Customizations List" containing a table. The first row of the table has a red border around its content. It displays the text "Raw Ingredients" and "Associated Item: Americano (ID ESTSAA002)". To the right of this row are two buttons: "DELETE" and "Edit >". The table also includes a column for "Options". The first option listed is "Extra Sugar (+\$5)" with "Delete Option" and "Edit Option" buttons. The second option listed is "Extra Milk (+\$20)" with "Delete Option" and "Edit Option" buttons. At the bottom of the table are three buttons: "Option Name", "Additional Cost", and "Add Option".

To delete an existing customization option:

1. Find the customization option/s to be deleted in the Customization List

The screenshot shows a user interface for managing customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below them is a blue header bar with the title "Manage Customizations".

Add Customization

Customization Name: _____

Associated Item: _____

Add Customization

Customizations List

Addon

Associated Item: Americano (ID ESTSAA002)

Options:

| | | |
|---------------------|----------------------|--------------------|
| Extra Cream (+\$20) | Delete Option | Edit Option |
|---------------------|----------------------|--------------------|

Option Name: _____ Additional Cost: _____

Add Option

A red box highlights the "Delete Option" button for the "Extra Cream (+\$20)" row.

2. Click 'Delete Option' to delete the customization option

The screenshot shows a user interface for managing item customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar contains the title "Manage Customizations".

Add Customization: This section includes fields for "Customization Name" (a text input) and "Associated Item" (a dropdown menu). A blue "Add Customization" button is located below these fields.

Customizations List: This section displays a list of customization entries. Each entry includes the customization name, the associated item, and two buttons: "DELETE" and "Edit >".

For the entry "Extra Cream (+\$20)", the "Delete Option" button is highlighted with a red box.

| Option Name | Additional Cost | Action |
|---------------------|-----------------|---|
| Extra Cream (+\$20) | | Delete Option Edit Option |

Add Option: A blue "Add Option" button is located at the bottom right of the customization list table.

The option is deleted from the customization.

The screenshot shows a user interface for managing customizations. At the top, there are two tabs: "MANAGE ITEMS" and "MANAGE CUSTOMIZATIONS". Below these, a blue header bar contains the text "Manage Customizations".

Add Customization

Customization Name: _____

Associated Item: _____ ▾

Add Customization

Customizations List

Addon

Associated Item: Americano (ID ESTSAA002)

DELETE Edit ➤

Options:

No options available.

Option Name Additional Cost

Add Option

Encode from a File

Using Postman, the program can import CSV files to mass create new items in the database.

To create a .csv in the right format:

The CSV file for categories must first be created with the following columns: name, itemType

| name | basePrice | categoryID |
|---------------------------------|-----------|------------|
| Croissant | 75 | 1 |
| Pain Au Chocolat | 90 | 1 |
| Banana Bread | 65 | 1 |
| Chocolate Chip Macadamia Cookie | 90 | 1 |
| Red Velvet | 150 | 2 |
| Basque Cheesecake | 200 | 2 |
| Carrot Cake | 140 | 2 |
| Grilled Chicken Pesto | 299 | 3 |
| BLT | 250 | 3 |
| Cream Cheese Bagel | 299 | 3 |
| Reuben | 375 | 3 |
| Truffle Cream Spaghettini | 375 | 4 |
| Spaghetti Carbonara | 399 | 4 |
| Spaghetti Aglio e Olio | 300 | 4 |
| Pesto Fettucine | 350 | 4 |
| Latte | 150 | 6 |
| Americano | 140 | 6 |
| Mocha | 155 | 6 |
| Frappuccino | 150 | 7 |
| Green Tea | 140 | 8 |
| Black Tea | 140 | 8 |
| Earl Grey | 140 | 8 |
| Dolong | 140 | 8 |
| Matcha | 160 | 8 |

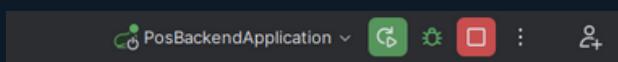
| name | itemType |
|-----------------|-------------|
| Pastries | Food |
| Cakes | Food |
| Sandwiches | Food |
| Pastas | Food |
| Others | Food |
| Espresso Drinks | Drink |
| Blended Drinks | Drink |
| Tea | Drink |
| Others | Drink |
| T-Shirts | Merchandise |
| Bags | Merchandise |
| Mugs | Merchandise |
| Others | Merchandise |

- This CSV was created in Microsoft Excel
- The manager may choose to add as many categories as they need but they are only restricted to the following item types: *Food, Drink, Merchandise*

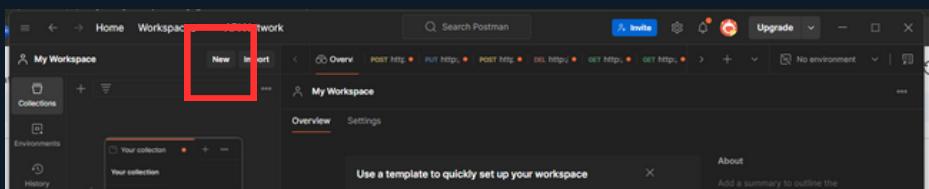
Using Postman, the program can import CSV files to mass create new items in the database.

To encode from a .csv file:

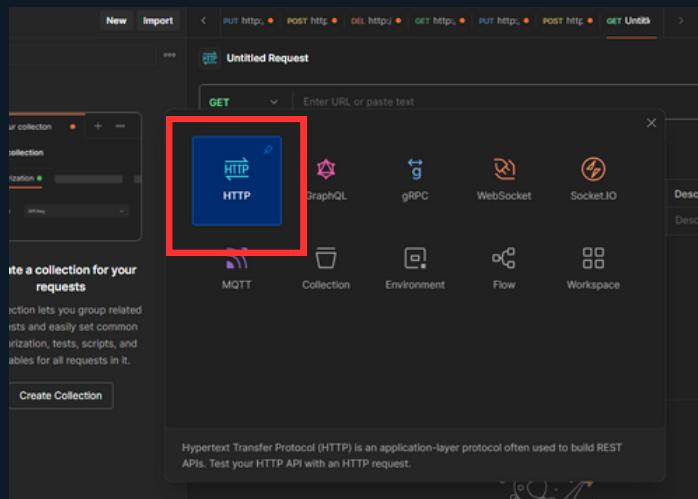
1. Run the Backend Application.



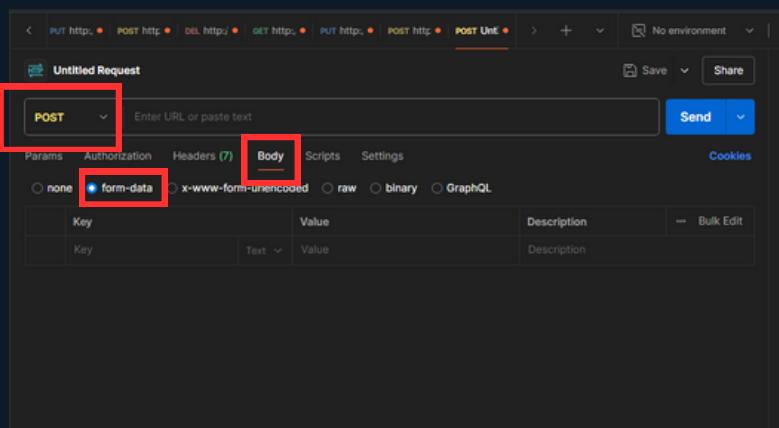
2. Open Postman and open a workspace.



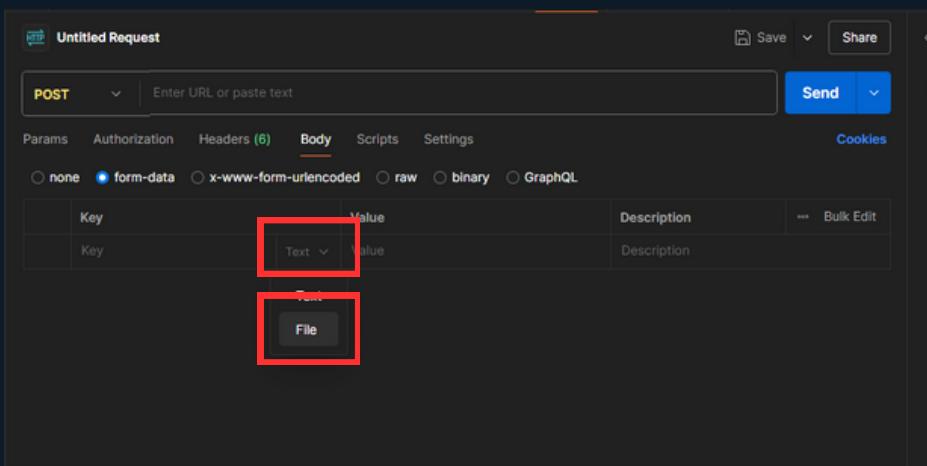
3. Make sure to select HTTP.



4. Set the request type to POST, click 'Body', and 'form-data'.

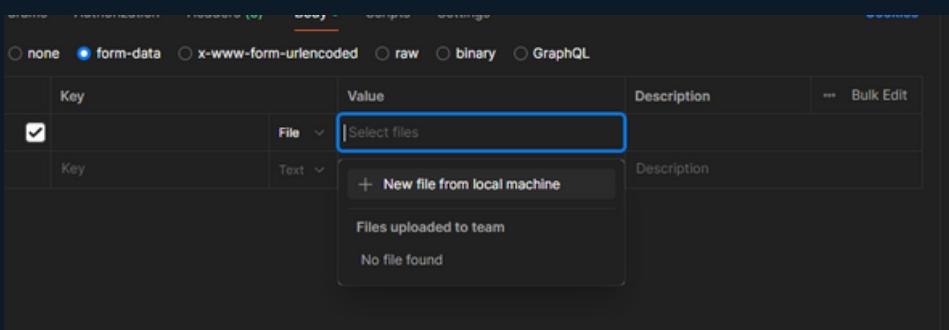


5. Click 'Text' and then select 'File'



The screenshot shows the Postman interface with the 'Body' tab selected. The request method is set to 'POST'. The body is configured as 'form-data'. There are two rows in the data table. The first row has a 'Key' column with 'Key' and a 'Value' column with a 'Text' dropdown menu open, showing 'Text' and 'File' options. The second row has a 'Key' column with 'Value' and a 'Value' column with a 'File' button. Both the 'Text' dropdown and the 'File' button are highlighted with red boxes.

6. Select 'New file from local machine' and add the .csv to import



The screenshot shows the Postman interface with the 'Body' tab selected. The request method is set to 'POST' and the body is configured as 'form-data'. In the data table, there is one row with a checked checkbox in the 'Key' column, a 'Value' column with a 'File' dropdown menu open, and a 'Description' column. The 'File' dropdown menu is expanded, showing options: '+ New file from local machine', 'Files uploaded to team', and 'No file found'. The '+ New file from local machine' option is highlighted with a blue box. The 'Select files' input field in the 'Value' column is also highlighted with a blue border.

7. Type 'file' into the key column

The screenshot shows the Postman interface with the following details:

- Method:** POST
- URL:** Enter URL or paste text
- Body:** form-data (selected)
- Table Data:** A table with columns: Key, Value, Description, Bulk Edit.
- Row 1:** Key: file, Value: **Items.csv**, Description: (empty), Bulk Edit: (empty).
- Row 2:** Key: (empty), Value: (empty), Description: (empty), Bulk Edit: (empty).

8. Put the prefix into the link: <http://localhost:8081/api>

The screenshot shows the Postman interface with the following details:

- Method:** POST
- URL:** http://localhost:8081/api (highlighted with a red box)
- Body:** form-data (selected)
- Table Data:** A table with columns: Key, Value, Description, Bulk Edit.
- Row 1:** Key: file, Value: **Items.csv**, Description: (empty), Bulk Edit: (empty).
- Row 2:** Key: (empty), Value: (empty), Description: (empty), Bulk Edit: (empty).

9. Add the complete link depending on the type of .csv file and click 'Send'

The screenshot shows the Postman interface with a POST request to `http://localhost:8081/api/items/upload-csv`. The 'Body' tab is selected, showing a file named `items.csv` attached. The 'Send' button is highlighted with a red box.

Postman link addresses: (Combine them with the prefix)

CATEGORIES:

/categories/upload-csv

ITEMS:

/items/upload-csv

ITEM_SIZES:

/items/sizes/{itemCode}/upload-csv

CUSTOMIZATIONS:

/customizations/item/{itemCode}/upload-csv

CUSTOMIZATION_OPTIONS:

/customization-options/customization/{customizationId}/upload-csv

HINT: Uploading these files should be done from top to bottom

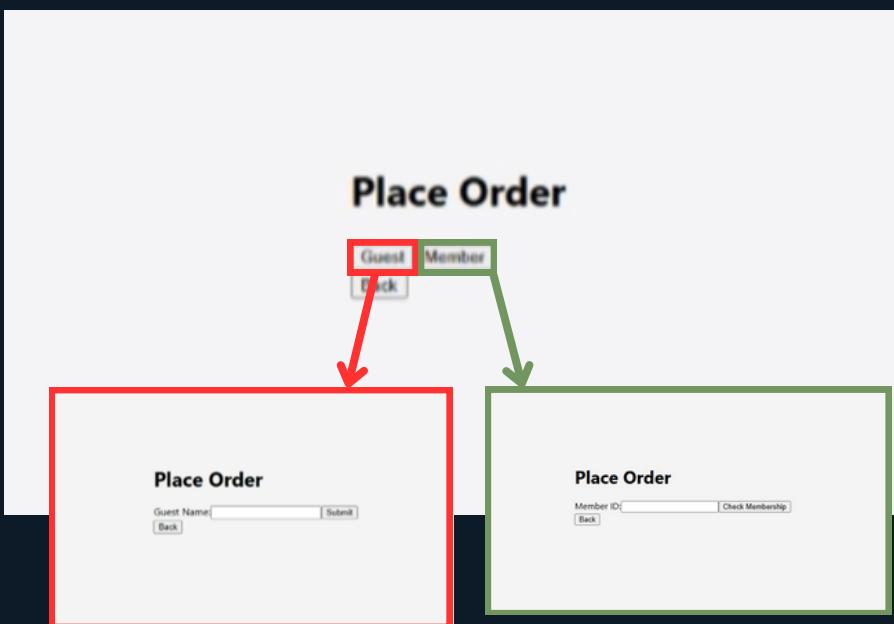
CASHIER

Creating a New Transaction

The cashier is responsible for ensuring a smooth and accurate order entry, handle any changes in order, and process payments, creating a seamless customer experience.

To create a new transaction:

1. The cashier selects whether the customer is a "Guest" or a "Member".

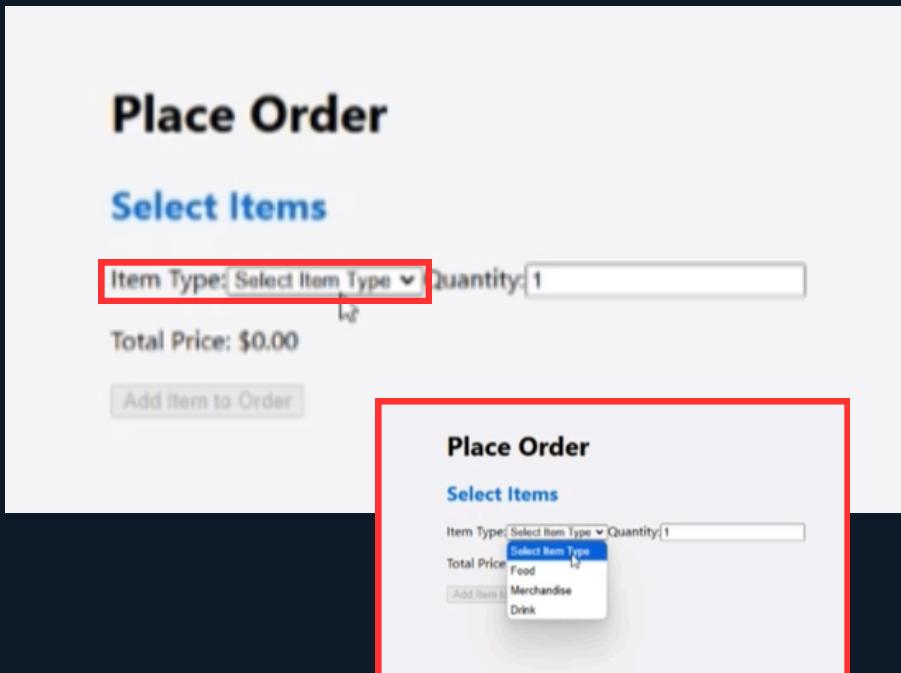


If the customer is a Guest, they are prompted to enter the first name.

If the customer is a Member, they are prompted to enter a unique 5-character alphanumeric membership ID.

2. For each item in the transaction, the cashier follows this flow:

- The cashier chooses the type of item being ordered (food, merchandise, drink)



- The cashier selects the category of items within the chosen type.

Place Order

Select Items

Item Type: Food Category: Select Category Quantity: 1

Total Price: \$0.00

Add Item to Order

Place Order

Select Items

Item Type: Food Category: Select Category Quantity: 1

Total Price: \$0.00

Add Item to Order

- Select Category
- Pastries
- Cakes
- Sandwiches
- Pastas

- The cashier selects the specific item from the list of available options within the selected category.

Place Order

Select Items

Item Type: Food Category: Cakes Item: Select Item Quantity: 1

Total Price: \$0.00

Add Item to Order

Place Order

Select Items

Item Type: Food Category: Cakes Item: Select Item Quantity: 1

Total Price: \$0.00

Add Item to Order

- Select Item
- Red Velvet - \$150
- Basque Cheesecake - \$200
- Carrot Cake - \$140

- The cashier specifies the quantity of the selected item.
- The cashier then selects any customizations for the item. (not shown)
- After completing the item details, the cashier clicks 'Add Item to Order' to include the item in the cart.

Place Order

Select Items

Item Type: Food Category: Cakes Item: Red Velvet - \$150 Quantity: 1

Total Price: \$150.00

Add Item to Order



- After completing the item details, the cashier clicks 'Add Item to Order' to include the item in the cart.

Place Order

Select Items

Item Type: Food Category: Cakes Item: Red Velvet - \$150 Quantity: 1

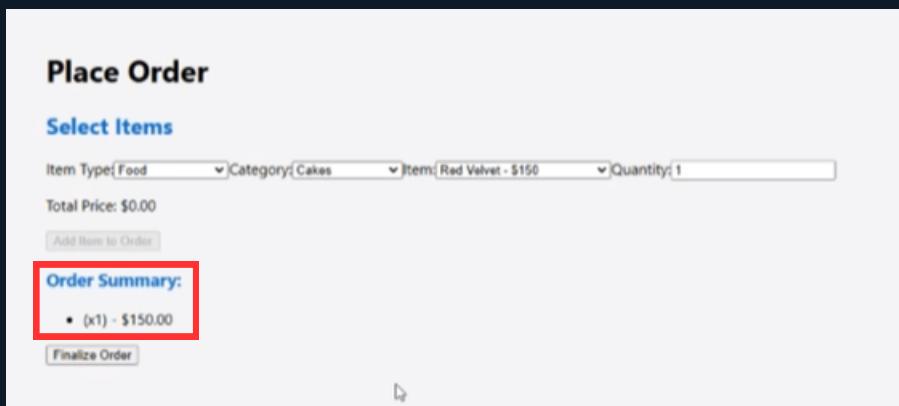
Total Price: \$0.00

Add Item to Order

Order Summary:

- (x1) - \$150.00

Finalize Order



CASHIER

Completing a Transaction

To complete a transaction:

1. The cashier can finalize the transaction at any time during the order by selecting the option to 'Finalize Order'

The screenshot shows a user interface for placing an order. At the top, it says "Place Order". Below that, under "Select Items", there are dropdown menus for "Item Type" (Food), "Category" (Cakes), "Item" (Red Velvet - \$150), and "Quantity" (1). A "Total Price: \$0.00" is displayed. There is a button labeled "Add Item to Order". Under "Order Summary:", there is a list with one item: "(x1) - \$150.00". At the bottom, there is a red rectangular box around a button labeled "Finalize Order". A cursor arrow is pointing towards this button.

2. This concludes the current transaction and prepares the system to display the bill.

Receipt

Order ID: 65

Order Date: 1/5/2025, 8:00:00 AM

Total Price: \$0.00

Items

| Item Name | Quantity | Customizations | Customization Price | Total Price |
|-----------|----------|----------------|---------------------|-------------|
| N/A | 1 | Default | 0.00 | \$150.00 |

Total Amount: \$0.00

[Print Receipt](#)

[Back to Order](#)

- All ordered items, along with their customizations, will be listed in the bill.
- The customizations selected for each item will be displayed beside the respective item.
- The price for each item will reflect any customizations chosen, along with the quantity specified. The system will adjust the price accordingly based on the customizations and quantity.
- At the bottom of the bill, the total price for the entire transaction will be displayed.

3. Clicking the 'Print Receipt' button prompts the terminal to generate a printing terminal.

