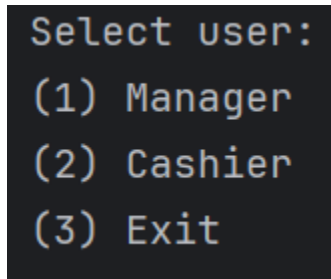


USER MANUAL: CHILL GUYS CAFE

I. User selection

- As the user, you will be able to see a user selection screen. This selection screen will allow you to either act as a manager or cashier, or allow you to exit the program.
- You choose what you want to act as through an integer based choice system.

The User Selection will Look as Such:



```
Select user:  
(1) Manager  
(2) Cashier  
(3) Exit
```

For the integer based choice system:

- Input **1** for Manager
- Input **2** for Cashier
- Input **3** to Exit
 - ❖ Note that if you press any other option other than this, you will be asked again to input a choice until you input a valid integer option.

I. What does each role do?

1. **Cashier:** As a cashier, you are able to buy and put items available in the shop into your shopping cart.
2. **Manager:** As a manager, you are able to add an item onto the shop, modify an item, delete an item, or encode an item from a file.
3. **Exit:** You will exit the program entirely

II. Manager

- If you click the manager option, you will be able to see the manager selection menu.
- Like the user selection, you will choose the role you want with an integer-based system

The Manager Selection Will Look as Such:

```
Manager Menu:  
(1) Add Item  
(2) Encode Item from a file (csv file)  
(3) Modify Item  
(4) Delete Item  
(5) Exit to Main Menu  
Enter choice:
```

For the integer based choice system:

- Input **1** for Adding Items
- Input **2** for Encoding Items
- Input **3** to Modify an item
- Input **4** to Delete an item
- Input **5** to Exit back to main menu
 - ❖ Note that if you press any other option other than this, you will be asked again to input a choice until you input a valid choice

I. Adding an item

- This functionality allows you to add more items to the cafe. You are however restricted to only inputting **Drink, Food, and Merchandise items**.
- **You will be asked to input a name:** The name can be placed as any character. However, you are not allowed to place an empty name, including a name that only contains spaces. If you place an item name as such, you will be asked to place an input until you place a valid name.
- **You will be asked to input the item type of your item:** The item type of your item is restricted to only Drink, Food, and Merchandise. If you input anything other than this, you will be asked to place an input until you input either Drink, Food, or Merchandise.
- **You will be asked to input the category of your item:** You are again not allowed to place an empty category name or a category name with only spaces in it. In addition, you are not allowed to place a category name with the same name as the item type of your item. For example, if your item's type is Drink, you cannot make the category's name Drink. If you place a category name as

such, you will be asked to place an input until you place a valid name.

- You will be asked to input sizes for the item that you have. Sizes should be inputted as such only:

<Size1>=<Price>, <Size 2>=<Price>,, <Size n>=<Price>.

If you do not place the sizes as such, you will be asked to add an input until you use the specified format. If you do not wish to have any size to your item, input "NS=0"

- **(For Drink and Food only)** You will be asked to input customizations to your items. Customization should be inputted as such:

(<Customization Category 1>=<Customization 1>=<Price>, <Customization Category 2>=<Customization 2>=<Price>,, <Customization Category n>=<Customization n>=<Price>).

If you do not place the customizations as such, you will be asked to add an input until you use the specified format. If you do not wish to have any customizations to your item, input "None".

- If you place valid inputs for all fields, your item would be successfully added to the menu choices with an auto-generated item code. The item code would be outputted as "**XX-YYYY-ZZZ**" where XX is the first and last letter of the category name of your item, YYYY is the first four characters of your item name, and ZZZ is a specific number assigned to your item.

Example adding of item (Drink):

```
Manager Menu:
(1) Add Item
(2) Encode Item from a file (csv file)
(3) Modify Item
(4) Delete Item
(5) Exit to Main Menu
Enter choice: 1







Add Item
Enter Name: Cafe Latte
Enter Item Type (Drink, Food, Merchandise): Drink
Enter Category: Espresso
Enter Sizes and their corresponding prices (ex. Small=99, Medium=149, Large=199): Medium=199
Enter customization and their corresponding prices (ex.Milk=Soy Milk=45,Milk=Oat Milk=45,Toppings=Cocoa Powder=25)
Put 'None' if you have no customization: Milk=HazelNut Milk=130
Item added to the menu successfully
```

II. Encoding an item

- The name of a .csv file is requested by the system. Your menu items should be in this file, separated by the boxes seen in the .csv file.
- The file is read by the system: It examines each line of the file to make sure the item information is correct.
- Five details in precisely this order should be included in each line:
Item Name: The name of the item. (Cannot be empty or only spaces)
Item Type: The type of item (Drink, Food, Merchandise).
Category: A category to which it belongs (e.g., cold Drinks, hot Drinks). This cannot be the same name as the item type.
Price and Size: The item's price and size (Should be in the format of Small=170, Large=190).
Customizations: Any extra information or choices (Should be "None" or "Toppings=Cheese=90").
- The system will generate a new code for you based on the item's name and category if the item code is absent.
- Format for Item Information: Items are added to the database:
- The system notifies you that the item was successfully entered and stores it into the database if the line is legitimate.

Sample:

encode.csv file

	C1 	C2 	C3 	C4 	C5 	C6 
1	<null>	Buko Sha...	Drink	Shake	Small=190, Medium=149, Large=...	Milk=Soy Milk=45,Milk=Oat Milk=45...
2	<null>	Fried Ch...	Food	Ulam	Small=119, Medium=150	None

Encode Item

Enter the filename of encode items(csv file): *encodefile.csv*

Item added to the menu successfully

Item SE-BUK0-009:Buko Shake added to the database

Item added to the menu successfully

Item UM-FRIE-005:Fried Chicken added to the database

III. Modifying an item

- This functionality allows you to modify the customization of your item (if item is Drink or Food) and the size of an item.

- You will be asked what item type you want to modify; please note that you are only allowed to input 'Drink', 'Food' and 'Merchandise'. If you input wrongly, then the prompt will keep repeating until you place a valid input.
- You will be shown a list of categories under the item type of your choice. Enter the number corresponding to the category that you want to input. If the number is not among the choices, then you will be asked repeatedly to enter a number until you input a valid input.
- You will then be shown a list of items under your chosen category together with their codes. Enter the **last three numbers** of the item code of your choice. If the last three numbers are not among the item codes shown to you, then you will be asked repeatedly to place a valid input. Then, the current details of the item is shown to you (item code, item category, item size and prize, and customization)
- There is a modification menu that will be shown to you after you see the current details of your chosen item. It will also be an integer based choice system. The menu that you will see is dependent on the item type.

Sample Input:

```
Modify Item
```

```
What is your chosen item type: (drink, food, merchandise)
```

```
If you don't want to proceed type 'cancel'
```

```
food
```

```
Here's the available food categories:
```

```
(1): Ulam
```

```
(2): Pasta
```

```
(3): Bread
```

```
(4): Cake
```

```
Enter the category number or type cancel to exit
```

```
2
```

```
Here's the available Pasta items:
```

```
PA-FETT-001: Fettucine
```

```
PA-SPAG-002: Spaghetti
```

```
Enter the last 3 number of the item code of your chosen item or type cancel to exit
```

```
002
```

```
You selected Spaghetti. Are you sure? (yes/no)
```

```
yes
```

Modification Menu for Drink and Food:

```
Current details of item E0-CAFE-006
Name: Cafe Latte
Category: Espresso
Size and Price: Small=90
Customization: Milk=Hazelnut Milk=130

What do you want to modify?
1. Size and Price
2. Customization
3. Exit
```

For the integer based choice system:

- Input **1** to edit Size and Price
- Input **2** to edit Customization
- Input **3** to exit back to the manager menu
 - ❖ Note that if you press any other option other than this, you will be asked again to input a choice until you input a valid choice.

For Merchandise:

```
Current details of item MG-JOY0-002
Name: joy
Category: Mug
Size and Price: Small=99, Medium=149, Large=1999
Customization: None

What do you want to modify?
1. Size and Price
3. Exit
```

For the integer based choice system:

- Input **1** to edit Size and Price
- Input **3** to exit to the manager menu
 - ❖ Note that if you press any other option other than 1 and 3, you will be asked again to input a choice until you input a valid choice.
 - ❖ If you press 2, then you will be placed back to the modification menu.

1. Modify size and price

- You will be asked to input sizes for the item that you have. Sizes should be inputted as such only <Size 1>=<Price>, <Size 2>=<Price>,, <Size n>=<Price>. If you do not place the sizes as such, you will be asked to add an input until you use the specified format. If you do not wish to have any size to your item, input "NS=0".

2. (For Drink and Food only) modify customization

- You will be asked to input customizations to your items. Customization should be inputted as such <Customization Category 1>=<Customization 1>=<Price>, <Customization Category 2>=<Customization 2>=<Price>,, <Customization Category n>=<Customization n>=<Price>. If you do not place the customizations as such, you will be asked to add an input until you use the specified format. If you do not wish to have any customizations to your item, input "None".

Sample Input:

For Size and Price:

```
Current details of item PA-SPAG-002
Name: Spaghetti
Category: Pasta
Size and Price: Jumbo=190
Customization: Toppings=Cheese=90

What do you want to modify?
1. Size and Price
2. Customization
3. Exit
1
Enter Sizes and their corresponding prices (ex. Small=99, Medium=149, Large=199): Small=90, Medium=190

What do you want to modify?
1. Size and Price
2. Customization
3. Exit
3
Exiting modify item menu. Goodbye!
Item modified successfully
```

For Customization

```
Current details of item UM-TAPA-001
Name: Tapa
Category: Ulam
Size and Price: Regular=199,Jumbo=250
Customization: Add0ns=Rice=65,Add0ns=Egg=60,Add0ns=RiceAndEgg=75

What do you want to modify?
1. Size and Price
2. Customization
3. Exit
2
Enter customization and their corresponding prices (ex.Milk=Soy Milk=45,Milk=Oat Milk=45,Toppings=Cocoa Powder=25)
Put 'None' if you have no customization: Toppings=Cheese=190

What do you want to modify?
1. Size and Price
2. Customization
3. Exit
3
Exiting modify item menu. Goodbye!
Item modified successfully
```

IV. Deleting an item

- You will be asked what item type you want to delete; please note that you are only allowed to input 'Drink', 'Food' and 'Merchandise'. If you input wrongly, then the prompt will keep repeating until you place a valid input.
- You will be shown a list of categories under the item type of your choice. Enter the number corresponding to the category that you want to input. If the number is not among the choices, then you will be asked repeatedly to enter a number until you input a valid input.
- You will then be shown a list of items under your chosen category together with their codes. Enter the **last three numbers** of the item code of your choice. If the last three numbers are not among the item codes shown to you, then you will be asked repeatedly to place a valid input. Then, the current details of the item is shown to you (item code, item category, item size and prize, and customization).
- You will be asked if you want to delete the item. Type 'yes' if you want to and type 'no' if you want to cancel its deletion. If you do place an invalid input, then you will be prompted to input either 'yes' or 'no' repeatedly.

Sample Input:

```
What is your chosen item type: (drink, food, merchandise)
If you don't want to proceed type 'cancel'
drink
Here's the available drink categories:
(1): Espresso
(2): Shake
(3): Soda
(4): Tea
Enter the category number or type cancel to exit
1
Here's the available Espresso items:
E0-MOCH-001: Mocha Latte
E0-MATC-002: Matcha Latte
E0-CARA-003: Caramel Macchiato
E0-COND-004: Condensed Milk Latte
E0-AMER-005: Americano
Enter the last 3 number of the item code of your chosen item or type cancel to exit
005
You selected Americano. Are you sure? (yes/no)
yes
```

```
Current details of item E0-AMER-005
Name: Americano
Category: Espresso
Size and Price: Small=99,Medium=149,Large=199
Customization: Milk=Soy Milk=45,Milk=Oat Milk=45
Are you sure you want to delete this item? (yes/no)
yes
Item deleted successfully
```

I. Cashier:

- As the cashier, you will be showcased a menu where you can place an order or exit back to the main menu
- This is done through an integer based choice system

Cashier menu:

```
Cashier Menu:  
(1) Place Order  
(2) Exit to Main Menu  
Enter choice:
```

For the integer based choice system:

- Input **1** to Place order
 - Input **2** to Exit back to the main menu
-
- ❖ At every given stage of buying an item, you will be given the option to cancel. Just type 'cancel' to do so.
 - ❖ You will be asked to first give the type of item you want, which is restricted to Food, Drink, and Merchandise. If you place any input other than this, then you will be given another chance to input again.
 - ❖ When you give the appropriate item type, you will be shown the categories of that item. You will be asked to input the category of your choice based on an integer-based choice system. Just input the number of your chosen category. If you place any other input other than the numbers presented to you, then you will be given another chance to input the correct choice.
 - ❖ Once you pick the category, you will be shown the items in that category together with their code. You should place **the last three numbers** of the item code of the item you want to buy. If the last three numbers inputted are not among the item codes shown to you, you will be given another chance to order. When you input the last three numbers of the code correctly, you will be asked if you want to proceed in buying that item. If you do not want to proceed, then input no and the order will be cancelled. If you want to proceed, then input yes.
 - ❖ Once you pick an item and inputted yes, you will be shown the sizes available for the item. Input the size you want to buy. If you do not place a size that is showcased to you, you will be asked to input again until you input a valid size. If you were to encounter a size that is NS=0, then please know that there are no other sizes available for the item and you are required to input NS.
 - ❖ Generally, for customization of Food and Drinks, you will be shown customizations available for the item. You are not required to add customizations to your item if you do not want to. If you want to place customizations, then input one of the customization options showcased to you through an integer based choice system, where you click the number corresponding to your customization

option. If you do not want to place customizations, input 'None'. If your inputted customization is not among the options or is not 'None', then you will be asked to input your choice again. You will be shown specific customizations under your chosen customization option. Again, click the number corresponding to your selected customization. If you input a number other than what is shown to you, you will be prompted to input a number again until the number is within the options shown to you. However, if the item does not have customization options at all, such as Merchandise items and some Drink and Food items, you will not be given the option to place customizations at all.

- ❖ You will be asked the quantity of the item that you will buy. If the quantity is less than or equal to 0 or is anything but a positive integer, then you will be prompted to give another quantity again since this is an invalid quantity.
- ❖ You will be shown the current items that you ordered, the quantity of them, and the subtotal of the current items.
- ❖ You will be asked if you want to go through the same process. If you do not want to go through this process, then input 'yes' and you will then be prompted if you want to complete your transaction. You will be shown your final receipt with the quantity of each item that you bought together with their customizations and individual price if you choose to complete the transaction. Then you will be shown your grand total for the bill. Otherwise, if you input 'no' in the prompt of wanting to go through the same process, then you will be permitted to buy more items. If you also input 'no' in completing the transaction, your cart would then be emptied, and you will be transported back to the cashier selection screen.
- ❖ You will be prompted once again to the cashier menu.

Example process:

What type of item do you want to buy: (drink, food, merchandise)

If you don't want to proceed type 'cancel'

drink

Here's the available drink categories:

(1): Espresso

(2): Shake

(3): Soda

(4): Tea

Enter the category number or type cancel to exit

1

Here's the available Espresso items:

E0-MOCH-001: Mocha Latte

E0-MATC-002: Matcha Latte

E0-CARA-003: Caramel Macchiato

E0-COND-004: Condensed Milk Latte

E0-AMER-005: Americano

Enter the last 3 number of the item code you want to order or type cancel to exit

001

You selected Mocha Latte. Are you sure? (yes/no)

yes

Sizes and Price: Small=99,Medium=149,Large=199

Enter the size you want to buy (type cancel to exit):

small

Here's the available Mocha Latte customizations:

(1): Milk

(2): Toppings

Enter the number of your choice (type cancel to exit, or type none if you don't want customization):

1

Here's the available Mocha LatteMilk customizations:

(1): Soy Milk

(2): Oat Milk

Enter the number of your choice (type cancel to exit, or type none if you don't want customization, or type others for custom customization):

1

Enter quantity

2

Added 2 x Mocha Latte to your cart. Your subtotal: 288.00

Do you want to add more items? (yes/no)

no

Do you want to complete the transaction? (yes/no)

no

Emptying your cart. Goodbye!