

Important Specifications

An item can only be one of three types (item type):

- Food
- Drink
- Merchandise

Clarifications kay Sir:

- Can the manager add more categories other than the ones in the specifications or does it fall under the “others” category. For example, in drinks, the manager can add another category other than espresso drinks, blended drinks, tea.
 - Answer: **Yes pwede mad-add ng more categories**
- For the customization options for the manager add customization, pwede ba gawin in general:

Input customizations (Espresso drinks):

Add topping? :

Add

or list the specific customization like

add cheese, add milk, add marshmallow

Goals:

- ☒ ~~Goal 1 - make a gdocs file on what to do, and creating a repository~~
- ☐ (Monday - Nov 18, 2024) Goal 2 - Making the first code for User selection and under user selection, the classes of the Manager User selection. (for now leave the Cashier empty). Also add the quit option. Clarify sir about the questions
- ☐ Goal 3 - Identify the classes for the Point of Sale System:
 - ☐ Manager
 - ☐ Cashier
 - ☐ Item
- ☐ Goal # - Design and implement the database structure (decide if CSV, JSON or SQL)

- ☐ Goal # - Create basic transaction handling system
- ☐ Goal # - Implement the menu navigation system and CLI
- ☐ Goal # - Complete the *Cashier* user interface and functionality

Menu Navigation

- Implement selection menu hierarchy
 - ☐ *Main Menu -> Item Type Selection -> Category Selection -> Item Selection -> Customization Selection*
 - ☐ Add proper numbering for all menu options
 - ☐ Implement “*Back*” functionality at each level
 - ☐ Add “*Cancel Transaction*” option in item type selection

Item Selection System

- ☐ Display available items with their codes and prices
- ☐ Show size options for each item
- ☐ Calculate and display running total
- ☐ Handle quantity inputs
- ☐ Validate all user inputs

Customization System

- ☐ Show available customizations for selected item
- ☐ Display customization options with prices
- ☐ Allow skipping customizations
- ☐ Validate customization selections

Transaction Completion

- Receipt Generation
 - ☐ List all ordered items
 - ☐ Show individual item prices
 - ☐ Display customizations per item
 - ☐ Calculate and show quantity adjustments
 - ☐ Show customization costs
 - ☐ Display final total

Error Handling

- ☐ Invalid input handling
- ☐ Out of bounds selection handling
- ☐ Cancel transaction functionality
- ☐ Clear error messages for users

- ☐ Goal # - Implement file import functionality for the Manager class

Goal # -

Output:

(User Selection)

Select User:

- (1) Cashier
- (2) Manager
- (3) Quit

IF CASHIER (1):

(Cashier Main Menu)

Welcome, Cashier!

Select option:

- (1) Place order
- (2) Logout

Select Item Type

- (1) Drinks
- (2) Food
- (3) Merchandise
- (4) Cancel Transaction // goes back to the cashier main menu

Select Category

Select an Item

Select customizations

Customer options:

Note: "When the cashier completes the transaction, a "receipt" containing the purchased items would be printed on the screen."

(Manager Main Menu)

Welcome, Manager!

- (1) Add Item
- (2) Modify Item
- (3) Remove Item

IF MANAGER (1):

Select Item Type

- (1) Drinks
- (2) Food
- (3) Tea

Input Item Name:

Select Category

// depends on the item type

Add Different Sizes? [Y/N]:

IF MANAGER (Y):

Input Size:

Input Price:

Add another Size? [Y/N]:

IF MANAGER (N):

Input Price:

Add Customizations? [Y/N]:

IF MANAGER for customizations (Y):

Input Customization:

Input Customization Option:

Input

