

# Spendo

Our problem is that us scholars find it hard to track our expenses sometimes especially with the overwhelming workload pisay gives us

## Objectives:

Our objective is to help students in general with tracking their expenses to ensure their financial stability, we also plan on adding features like segregating their needs and their wants, classifications for their expenses such as food, school, miscellaneous etc. all encompassed within a menu-like structure. We're also gonna make a simple bank account like system which asks for your total amount of money and the user can freely add or deduct cash to it.

## Planned inputs and outputs:

The program will ask the user to input their total amount of cash and save it. After that the program will just ask for the expenses and deduct it from the total but the user also has the option to add money. The program will also ask after each transaction if the user wants add, deduct or classify expenses. If the user chooses to classify expenses then a set of options will appear and the user will input what they bought and the program will ask what it is and the user will pick from what the program displays, after the user picks whatever they bought will then be saved into that classification.

## Logic Plan:

START

DISPLAY "Enter your total amount of cash: "

INPUT totalCash

REPEAT

DISPLAY "What would you like to do?"

DISPLAY "[1] Add Money"

DISPLAY "[2] Deduct Expense"

DISPLAY "[3] Classify Expense"

DISPLAY "[4] Exit"

INPUT choice

IF choice == 1 THEN

DISPLAY "Enter amount to add: "

INPUT addAmount

totalCash = totalCash + addAmount

DISPLAY "New balance: ", totalCash

ELSE IF choice == 2 THEN

DISPLAY "Enter expense amount: "

INPUT expense

totalCash = totalCash - expense

DISPLAY "New balance: ", totalCash

ELSE IF choice == 3 THEN

DISPLAY "Enter what you bought: "

INPUT itemName

DISPLAY "Choose classification:"

DISPLAY "[1] Food"

DISPLAY "[2] Transportation"

DISPLAY "[3] Bills/Utilities"

DISPLAY "[4] Entertainment"

DISPLAY "[5] Others"

INPUT categoryChoice

IF categoryChoice == 1 THEN

    SAVE itemName TO FoodList

ELSE IF categoryChoice == 2 THEN

    SAVE itemName TO TransportList

ELSE IF categoryChoice == 3 THEN

    SAVE itemName TO BillsList

ELSE IF categoryChoice == 4 THEN

    SAVE itemName TO EntertainmentList

ELSE

    SAVE itemName TO OthersList

END IF

DISPLAY itemName, " has been saved under classification."

ELSE IF choice == 4 THEN

    DISPLAY "Exiting program. Final balance: ", totalCash

    EXIT LOOP

ELSE

    DISPLAY "Invalid choice. Try again."

END IF

UNTIL choice == 4

END

Github Repository link: [https://github.com/nasheeeennn/Sampaguita\\_JayasingheLindegedara](https://github.com/nasheeeennn/Sampaguita_JayasingheLindegedara)