*"""*

*Vincent Nguyen*

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*Term Project*

*"""*

My term project is created simple budget tracker (expense manager) which allows to manage expenses with transactions, I will help us tracking our individual budget category’ spending. In the program, it has 3 options for user to choose:

1. Set your own budget's list from scratch and get output file.
2. Add new categories to existing budget' list and get output file.
3. Use existing budget's list to make transactions and get output file report. It also gives user a message which category is overspending(overdraft) or remaining budget amount.

*All source files:*

* 2 python files: main\_program.py and budget\_function.py
* 1 class calls Budget
* 5 define functions:
  + date\_inp: This function uses to record of the date of user input and write it to file.
  + budget\_set: This function uses to create new budget list from scratch and give output file. Use option 1.
  + add\_cate\_budget: This function uses to add new categories to the existing budget files in folder and give update output file. Use for option 2.
  + budget\_after: This function uses to calculate budget after transactions and give updated output files. Use for option 3.
  + option: This function uses to show options for user to choose in main program.
* 2 existing budget list examples for running program purposes: example1.txt and example2.txt

*Instruction to run code:*

1. Open and run main\_program.py file.
2. Enter name and choose 1 of 3 options.
   1. *Enter 1 : Option 1:*

Input date 🡪 Add new category name and budget amount 🡪 Enter Y if completed add or any key to continue add 🡪I will give all of details for your output file 🡪 Name your output file in .txt 🡪 I will ask user if they want to return main menu or exit program

* 1. *Enter 2: Option 2*

It will show list of existing .txt files. You can choose one of those to add new category in it. Enter file name -> Enter new category -> Budget amount -> Y to complete or any key to continue to add new category 🡪I will ask user if they want to return main menu or exit program.

* 1. *Enter 3: Option 3*

Enter file name to make transactions 🡪 Name your output report file 🡪 Input date 🡪 Input the spending amount 🡪I will ask user if they want to return main menu or exit program.

1. Open and run budget\_function.py to test class methods.