**Technical Design Document**

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**Program Description:**

The goal of this code is to create a program that calculates the user’s monthly expenses and displays the total expense as well as the highest and lowest expenses.

**Function Name:** get\_expenses()

**Description:** This function prompts the user to enter an expense type and amount and keeps going until the user enters “done.”

**Parameters:** None

**Variables:**

1. expenses – stores the expenses the user provides
2. expense\_type – holds the type of expenses the user enters
3. amount – holds the amount of money the user enters for each expense

**Logical Steps:**

1. create a list called expenses that will store the expenses the user will input.
2. prompt the user to input the type of expense and the amount.
3. start loop that repeats the steps until the user enters "done."
4. return the expenses list to the caller

**Returns:** expenses

**Function Name:** main ()

**Description:** This function calls on the get\_expenses() function and calculates the total of the expenses, the highest expense, and the lowest expense before displaying the results.

**Parameters:** None

**Variables:**

1. expenses – stores the expenses the user provides
2. total – total of all the expense amounts the user entered
3. highest – holds the highest expense that has been entered
4. lowest – holds the lowest expense entered

**Logical Steps:**

1. get the list of expenses from the get\_expenses() function.
2. Calculate the total expenses as well as the highest and lowest expenses
3. Display the results

**Returns:** summary of the user’s monthly expenses

[COP2373 Repository](https://github.com/kristinachorna/COP2373)

A screenshot of a computer program

Description automatically generated