**Technical Design Document**

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**Program Description**

The purpose of this program is to determine the user’s highest, lowest, and total expenses.

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

**Description:**

The purpose of this function is to have the user enter each expense—the type and the amount.

**Parameters:** none

**Variables:**

1. Expenses—stores all the expenses
2. Expense\_type—refers to the current expense from the user’s input
3. Amount—refers to the amount of the user’s current expense

**Logical Steps:**

1. Create an expenses list
2. Prompt the user to enter the type of expense
3. Prompt user to enter the amount of the expense
4. Make sure the user enters a valid type/amount and instruct the user to type “done” when all expenses have been entered.

**Returns:** expenses

**Function Name:** main ()

**Description:**

The purpose of this function is to calculate the total expenses and the lowest/highest amounts before displaying the results.

**Parameters:** none

**Variables:**

1. Expenses—holds all the expenses the user entered
2. Total—holds the sum of all expenses
3. Lowest—holds the lowest expense
4. Highest—holds the highest expense

**Logical Steps:**

1. Check if any expenses were entered
2. Calculate the total, lowest, and highest expense
3. Display the user’s results

**Returns:** the summary of the monthly results

Repository: [COP2373\_Repository](https://github.com/KarinaChorna/COP2373/upload/main)

A screenshot of a computer program

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