

CASH FLOW MANAGEMENT



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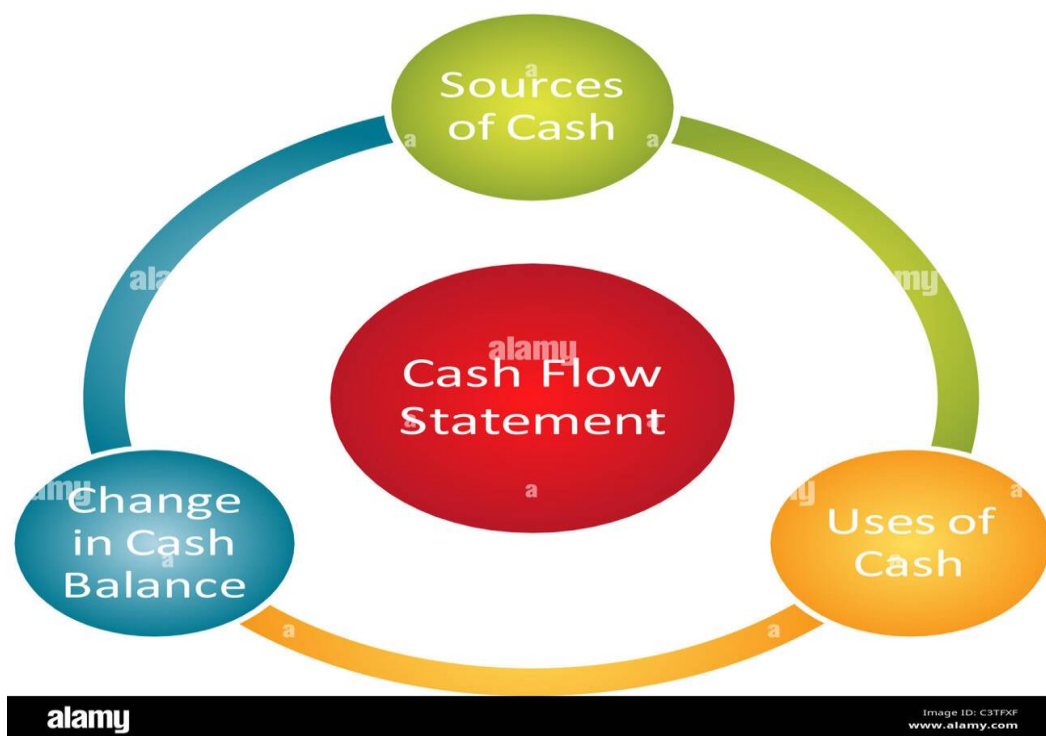
1.Introduction

This Project serves as a simple cash flow manager. It allows users to add income and expense transactions, view a list of transactions, and calculate the current balance.

2.what is cash flow?

Cash flow management is the process of tracking how much money is coming in and out of your business. It is a term used to describe changes in how much money your business has from one point to another.

Think of cash flow management as a set of balancing scales or a seesaw where one side shows money coming in and the other side with money going out. If more money is going out of a business than coming in, this will tip the scales and reduce the side showing money coming in.



3.Usage

3.1 Adding Transactions

Choose option 1 from the menu.

Enter the description of the transaction (max 100 characters).

Enter the amount of the transaction.

Specify the type of transaction ('I' for income, 'E' for expense).

3.2 Displaying Transactions

Choose option 2 from the menu to display a list of all transactions.

3.3 Calculating Balance

Choose option 3 from the menu to calculate and display the current balance.

4.Code Structure

4.1 Transaction

description: A string holding the description of the transaction.

amount: A double precision variable storing the transaction amount.

type: A character representing the type of transaction ('I' for income, 'E' for expense).

4.2 Constants and Variables

MAX_TRANSACTIONS: Maximum number of transactions the program can handle.

transactions[MAX_TRANSACTIONS]: Array to store transactions

numTransactions: Keeps track of the current number of transactions.

**4.3 Functions **

addTransaction(): Allows the user to add a new transaction.

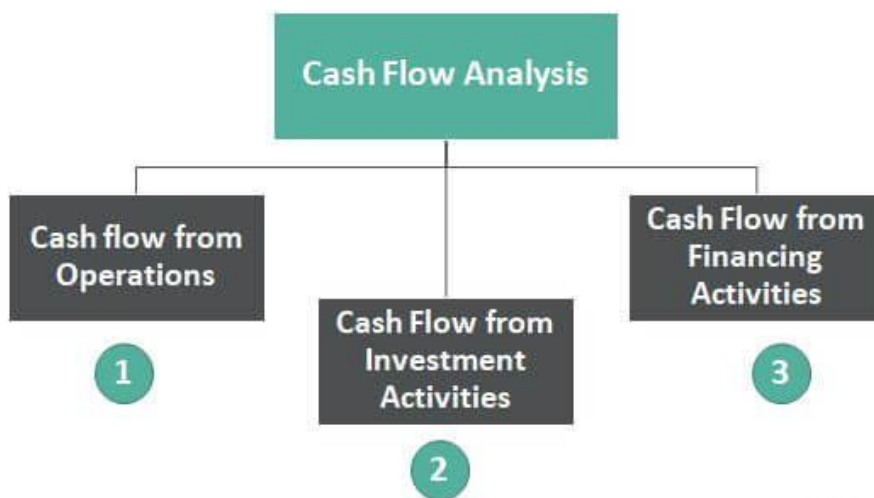
displayTransactions(): Displays all recorded transactions.

calculateBalance(): Computes and returns the current balance.

5. Analysis

A cash flow analysis illustrates whether your business earns enough income to cover financial obligations, and if you've got money left over after the bills are paid. To do a cash flow analysis, you'll need your cash flow statement, which should include your business income and expenses on a monthly or yearly basis

Cash Flow Statements Analysis



6.Conclusion

The Cash Flow Management project provides a solid foundation for individuals seeking a straightforward tool to monitor their financial transactions. Its simplicity, functionality, and well-structured code make it a valuable resource for personal financial management. As the project evolves, incorporating additional features and improvements will further enhance its utility and versatility.