

TipidTracker: A Simple Budget Manager for Students

A Python-based text program for tracking allowance, expenses, and savings habits.

Computer Science 2

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Problem Statement

Many students quickly run out of their daily or weekly allowance without realizing how they spent it. Because of this, they have no money left for important things like school projects, snacks, or transportation. Students need a simple way to track their spending habits and learn how to manage their money better.

Project Objectives

The main objective of this project is to develop a Python-based text program that allows students to record and monitor their daily allowance and expenses. Through this system, students will be able to understand their spending habits, manage their finances better, and cultivate the value of saving. We hope that this project will be able to encourage students to develop financial discipline at an early age.

Planned Features

The main features that we want for this program will allow the user to record how much money the student receives (daily, weekly, or monthly) and record spending details such as how much they spent, what they spent it on, and possibly a short description of the item. The user will also be able to view all of their recorded allowances and expenses, in chronological order if possible. Lastly, the user can view a summary report that the program will automatically calculate and show the total allowance received, total expenses, balance left, and maybe the most common spending category. We've yet to decide if the summary report will cover all-time totals, weekly, or monthly.

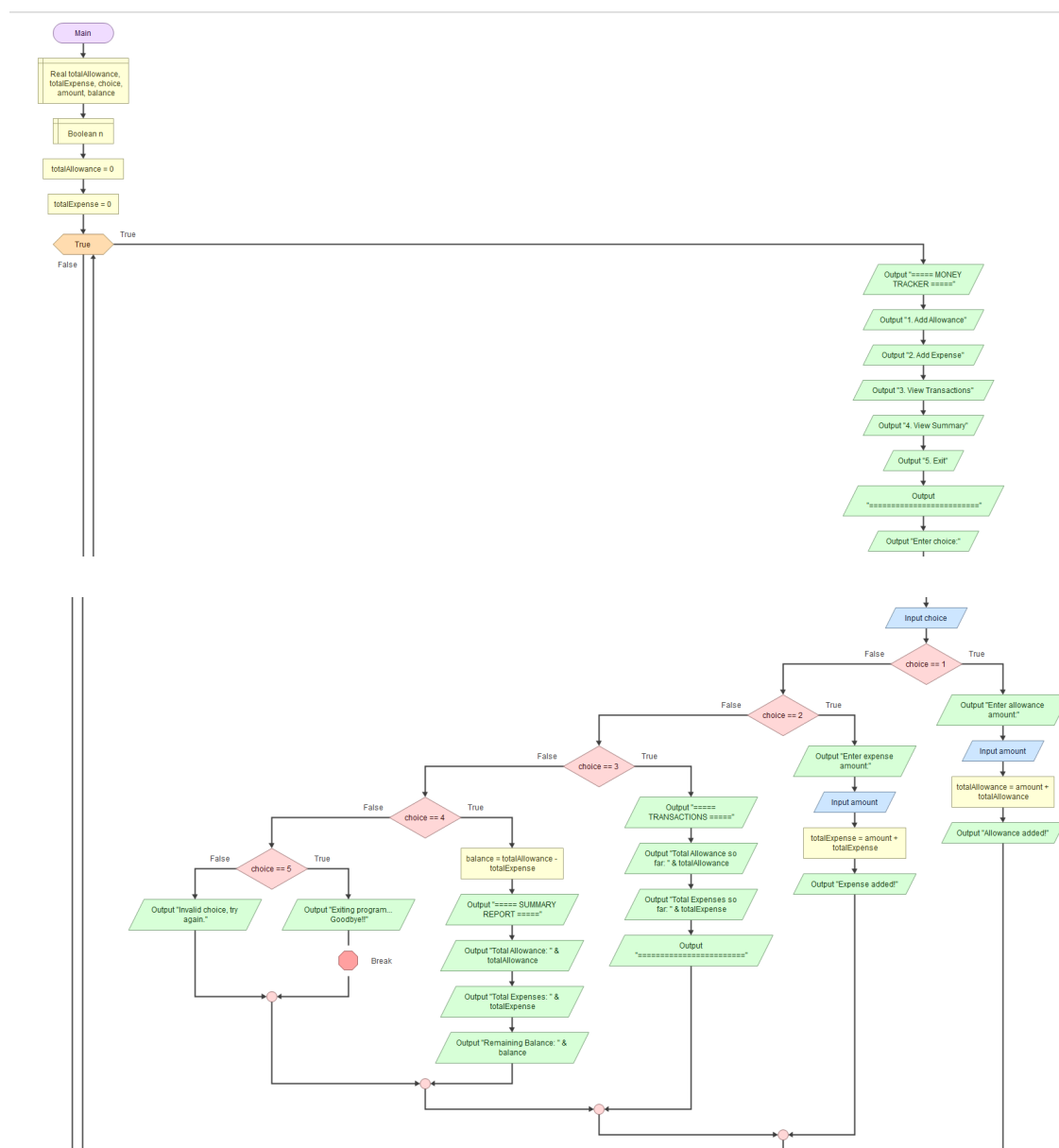
Planned Inputs and Outputs

This program will be designed to be simple and easy to use. It will have an interface consisting of a title screen and a main menu where the user can take any course of action (Add Allowance, Add Expense, View Transactions, View Summary, Exit) using a corresponding point value (e.g., 1 for Add

Allowance, 2 for Add Expense, etc). The user will be able to input their received allowance and amount spent. The program will then automatically generate totals and create the transaction records and summary report, which will be displayed only if the user chooses to see them.

Logic Plan

To show the basic flow of our program, we chose to do so using Flowgorithm, which is given below:



GitHub link: https://github.com/jbcelestino/AA_CompSci

References

Google.com, 2025,

www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=myfirstnestegg.com/articles/allowance-chores-app-for-kids/&ved=2ahUKEwjP0Jro2vaPAxV6ZvUHHfQPIIk4ChAWegQIJhAB&usg=AOvVaw20d17yWpNk2UGDC5F4ViPR. Accessed 26 Sept. 2025.

Google.com, 2025,

www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=www.reddit.com/r/Parenting/comments/1cow9x3/app_for_tracking_allowance/&ved=2ahUKEwi3wI-n2vaPAxVmoa8BHfBCHZIQFnoECGYQAQ&sqi=2&usg=AOvVaw271vTkgyV9dT_gYhFhmdYX. Accessed 26 Sept. 2025.