

Criterion E: Evaluation

Evaluation of Product

This product meets the success criteria established in Criterion A and includes additional functionalities that were not mentioned in the success criteria. It allows the user to add, update, and delete transactions that consist of properties including month, year, category, amount and whether it is single or recurring. However, it also allows the user to update future occurrences of a recurring transaction through a button on a message dialogue. These transactions are stored in chronological order by month and then by year. The user can filter these transactions based on category, month, year, and single or recurring transactions using a combination of four combo boxes. Furthermore, the user can set a new budget, calculate the remaining money in a selected month, and view the expense analytics.

After showing the product to my client, she was quite pleased and suggested entering her real household budgeting data from 2018 to test the program. However, she said that the program would be nicer to use if the user interface design is more customized, with a color palette.

Recommendations for Further Development

Although the program meets the success criteria, there are many areas of the program that would benefit from further modification.

For example, the recurring transactions are displayed on the table every month, which fills up the table and makes it difficult to navigate. If the recurring transactions could be stored in a less spacious way that would still allow the user to edit it easily, the program would be significantly improved.

Also, adding more expense analysis functions would help the user analyze the expenses better. In addition, adding a visual representation of the data in the form of a pie chart or a line graph would help the data become user-friendlier.

Another way the program could be improved is by fixing the bug that occasionally causes the program to freeze when the user attempts to update all future occurrences of a recurring transaction.

(324 words)