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SDEV 220

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For my final project in SDEV 220, I am proposing to create a Bill tracker and Management Application. The primary purpose of this application is to help financial advisors or clients manage and track bills, ensuring that payments are made on time.

In this application users will be able to:

Input Bills: Add bills by enter details bill name, amount, and due dates.

Track Bill Status: Bills can be marked paid or unpaid. Paid bills will be moved to a separate location for reference.

Sort Bills: The application will allow users to sort bills by due date or amount to help prioritize which bills need to be paid first

Overdue detection: the application will auto identify what bills are overdue and remind users to help user stay on top of payments.

The goal of this application is to provide a simple way for financial advisors or clients to stay organized and manage bills. By using the app advisors can assist clients in managing their finances to help them get their bills on track and avoid missing any payments.

Classes:

Bill class to track information about bill

Bill Manager class that can help with the management of the bills and provide ways to manipulate the bill

Notification class will help with alerts and reminders for bills.

The application will feature a GUI with user input and buttons.

Users will be able to add bills, view bills, sort bills and receive notifications

Most of the logic will live in the bill and bill manger class since that’s where the bills are coming and being modified at with some logic living in notification for updates

The application will live in python memory.

A screenshot of a computer

Description automatically generated

<https://github.com/DanielAAnderson/SDEV_220_Final_Project_DanielAnderson.git>

<https://trello.com/invite/b/6731176d3a3dc4882aa3bad9/ATTI1057824cdf4e0dc55315318206d23ec5E3504272/sdev>

<https://drive.google.com/file/d/1oFiJcWzUG1IyL0l4-5Z3imsYhzNEmxgF/view?usp=sharing>