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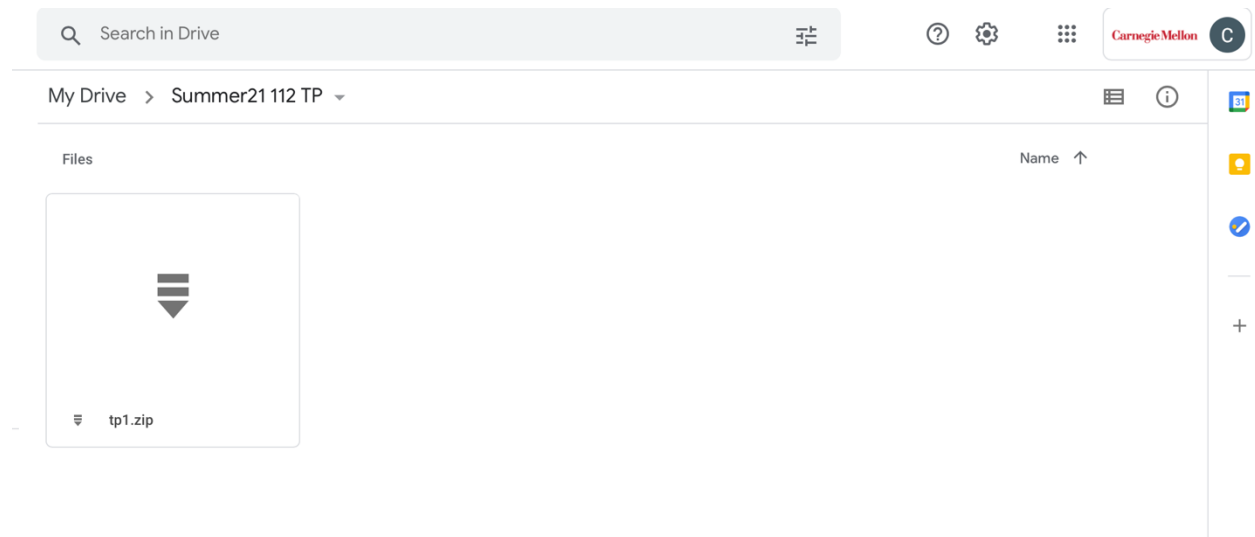15-112: Fundamentals of Programming and Computer Science
Project Plan: Weekly Planner

Project Description: The current name is just 'Weekly Planner', but the plan is to think of something better than that. This app is a weekly planner app where users can input data for 4 categories: to do, events, notes, and highlights. There will be an option to see a monthly view and edit past/future weeks.

Structural Plan: The project is made up of a single python file with all the code and a folder titled 'Users'. In 'Users', there are two text files for every user: one for events and one for notes. Events are stored in a dictionary and notes are stored in a string. Monthly view will be on a different screen/mode and stored in text files as well.

Algorithmic Plan: So far, the most complex aspects of the project are the storing/editing of past inputs and the graphics-based text editor. With file IO and specific functions, I can store the past data and then retrieve it from text files/put it in the right format. The monthly view will be a more advanced version of this, calling many text files to create the blended view.

Version Control Plan: I am backing up my code on google drive and saving it as different versions (to track my progress and allow me to go back to past versions). Picture below is a screenshot of the google drive folder (with TP1 uploaded).

TP2 Update: Nothing about my project plan has changed, but in terms of algorithmic complexity I have added a more advanced underline function (by character) and the ability to go weeks ahead or behind.

TP3 Update: No big design changes were made, but I finished the 4-week view screen and added a login/start page.