Personal Requirement Planner

Problem Statement

Create a program that helps students manage their time properly by organizing their requirements according to the user's preference and capability.

Project Objectives

To help students organize their requirements in an orderly manner by analyzing time availability for each task inputted.

Planned Features

Our project will enable the students to organize or plan their personal requirements by inputting dates that go by years and months, which they want to organize. And our project will display the calendar, enabling the student to organize and highlight dates they want to. Our project will also display the specific personal requirements on the highlighted date.

Planned Inputs and Outputs

The planned inputs for the users in our project is that the user will be able to input the month and the year that the user wants. And our planned outputs are dependent on the input of the user which will show a calendar and the highlighted date of the due date of assignments.

Logic Plan

The logic plan of our project program is that we will import the predefined functions 'Calendar', and 'Date' from the 'datetime' library. Next is that the program is going to ask the user for the inputs by the input system in Python, and the program will confirm if the user inputted an invalid value by using TRY and VALUEERROR. And the program will display a calendar dependent to what the user inputted by our defined function which will print the days in the month one by one using the for loop. Before fully displaying the calendar, the program will check if there's a homework assignment in the exact month,date, and year by using the conditional statement IF. If there is a homework assignment on the corresponding date, then the program will highlight the date by putting a bracket surrounding the date. Finally, the program will display the name of the homework assignment below the calendar and the due date of the homework.