Initial Draft

Project Title

- **Task Reminder and Organizer**

Problem Statement

Scholars often face challenges in keeping track of their academic tasks and deadlines across multiple subjects. This can result in late submissions, unfinished requirements, and difficulty in balancing workloads. Existing reminder apps are often too general and not tailored for academic use. To address this, the project will create a simple and effective task reminder system that organizes tasks, sorts them by due date, and provides timely notifications so scholars can manage their academic responsibilities more efficiently.

Project Objectives

1. To design a system that allows scholars to record and store their tasks with due dates.

2. To automatically arrange tasks in chronological order for better organization.

3. To notify scholars when deadlines are near and on the actual due date.

4. To provide a user-friendly platform that is simple to run and accessible for academic use.

Planned Features

- Add new tasks with a specific due date.

- Automatically sort tasks based on their due dates.

- Send reminders when deadlines are coming up.

- Notify the scholar on the exact day a task is due.

Planned Inputs and Outputs

Inputs:

- Task name (e.g., "Social Science Research Paper")

- Due date (in MM/DD/YY format)

Outputs:

- A list of tasks arranged by their due dates

- Notifications for upcoming deadlines
- A reminder on the exact due date

Logic Plan

Pseudocode

BEGIN

  CREATE empty task list

  DISPLAY menu (Add Task, View Tasks, Exit)

  IF scholar selects "Add Task" THEN

    PROMPT scholar for task name

    PROMPT scholar for due date

    STORE task and due date in list

    SORT tasks by due date

  ELSE IF scholar selects "View Tasks" THEN

    DISPLAY tasks in chronological order

    IF any task is due within 7 days THEN

      DISPLAY reminder

  ELSE IF current date = task due date THEN

    DISPLAY deadline notification

  ELSE IF scholar selects "Exit" THEN

    END program

END

GitHub Repository Link

https://github.com/andreigalit/CS-2.git