Austin An (austina@andrew.cmu.edu) TP3 ☺

Project Title and Description: StudyBuddy is the ultimate all in one tool for productivity and time management. This project aims to create a productivity assistant application that integrates a calendar for event scheduling, goal tracking, and task management. The application is designed to help users streamline their daily routines by organizing study sessions, personal events, and work tasks, with added functionality to set flexible or fixed timings. Key features include:

1. Dynamic text input for easy user interaction.
2. Event categorization based on type (e.g., Study Session, Personal, Work).
3. Goal tracking with subtasks and progress monitoring.

Complete list of all features:

1. Calendar view of all events (month, week, daily)

2. Pomodoro Timer

3. Goal Planner - Individual Subtasks and Automatically Recalculating Features

4. Study/Personal Preferences Menu

5. If you schedule tests, it will automatically schedule study sessions.

6. Automatic Goal Planning, given the goal and subtasks, schedule events based on subtasks

7. Study session events have quick link to pomodoro timer

8. Dynamic textboxes, dropdown menus, and buttons for easy user access

Similar Projects

Google Calendar: A widely used event management tool. However, it lacks a strong focus on goal tracking with progress monitoring and integration of flexible event types.

Todoist: A task and goal tracking app but does not offer dynamic and categorized scheduling for personalized events.

Notion: A versatile productivity platform that requires more manual setup for event scheduling

Version Control / Backup Plan

After every major change on my project, I plan on exporting all my code and uploading it to a Google Drive connected under my school andrewID account. I will name each file {month}_{day}_backup{iterationNumber} to make finding iterations very easy.

Tech List

Not planning to use any additional technology or modules

Storyboard:

austina TP2 Storyboard

This app is intended to help college students organize their entire academic lives and plan events for them. They will be able to view all their events on a calendar and plan new events

Depending on the type of the event, for example if it is a test, College Buddy will plan study sessions and if it a project, it can help make project timelines.

Calendar View (month view)

Pomodoro timer

alternate calendar view so users can precisely plan out their entire day.

Week view

Interface for adding event

Goal Tracker