Study Flow
A productivity-based app made for students!

PROBLEM STATEMENT:
Students nowadays have a hard time keeping track of their deadlines, tasks, and grades despite platforms such as google drive, sheets, or google chats being available. Problems faced are the following:

a. Scattered Systems – existing systems are designed for general productivity (e.g. daily activities, work activities etc.) rather than for academic needs, making it difficult for efficient use.

b. Overwhelming tabs – Even with integrated suits, students still need to keep switching between different tabs, which then requires users to manage another set of workloads.

c. Loosing track of time

As a result, students may find it challenging to keep track of what needs to be done and how they're doing, affecting their overall performance and well-being.

The solution? **Study Flow!**

Study Flow is an individualized platform that was created for students. In one app, users can:

A) **List and Prioritize activities & upcoming deadlines**

B) **Create study guides for personal use**

C) **Track their academic performance through a built-in grade calculator**

D) **Categorize tasks based on subject**

E) **Generate quizzes**

All in one sitting!

OUR OBJECTIVES:
1. Develop an app that integrates both python and java; allows students to view deadlines, monitor grades, and create quizzes all in a single space.
2. Implement a 'Smart Task Manager' with auto categorization to ensure manageable workload.
3. Create a 'user-friendly' platform that is both effective, yet simple and minimalistic

PLANNED FEATURES:

1. Centralized Dashboard
- Displays all upcoming deadlines, ongoing tasks, and completed work in a clean, unified interface.
- Customizable themes for a personalized workspace.

2. Smart Task Manager
- Quick Add: Create tasks in seconds with one tap.
- Auto-Categorization: Sorts tasks, notes, and grade by subject, project, or priority level automatically.

3. Grade Tracker
- Calculates the tentative grade based on given scores

4. Note Taking Feature

•Can be Created directly from the central dashboard

• easily create organized notes with simple functions to make your notes stand out (will be implemented through *Python Markdown*)

5. Interactive Calendar and Timeline View

• View assignments and deadlines across daily, weekly, and monthly layouts.

• Drag-and-drop tasks to reschedule easily.

6. Quiz Generator

• Automatically generates quizzes from user-input notes, lecture summaries, or uploaded materials.

• Offers multiple quiz formats (multiple-choice, true/false, fill-in-the-blank).

BENEFITS OF USING STUDY FLOW:

1. Promote Time Management: To encourage consistent task tracking and prioritization through smart scheduling and reminder features.

2. Simplify Academic Organization: To eliminate the need for multiple apps by integrating essential tools for task management into one unified system. #