

PW#1 SEPTEMBER 3, 2025,

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TITLE: FocusFlow – A task organizer 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.

a) Overwhelming Platforms: Existing tools are designed for general productivity rather than academic needs. Their complexity and abundance of features make them difficult for students to use efficiently.

b) Scattered Systems: Even within integrated suites, resources are spread across several apps. Students must constantly switch between platforms to manage their workload, leading to time loss and decreased motivation.

As a result, many students find it challenging to keep track of what needs to be done and when — ultimately affects their performance and overall well-being.

THE SOLUTION? FocusFlow!

FocusFlow is an **individualized platform** designed *specifically for students!* In one app, users can:

- List and prioritize upcoming deadlines
 - Categorize tasks by subject or project
 - Generate Quizzes for subjects
- All in one app!

Objectives:

1. Develop an algorithm that **allows students to view & track deadlines all in one place.**
2. Reduce academic stress between students and tasks by **providing the necessary tools to simplify academic workflow.**
3. Implement a **Smart Task Manager with ‘auto-categorization’** to ensure manageable workload.
4. Create a **‘quiz generator’** that **enables students to prepare for tests and exams** all while **keeping track** of other activities.

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 by subject, project, or priority level automatically.
- Color-Coded Priority: Visual indicators for urgent, medium, or low-priority tasks.

3. Interactive Calendar and Timeline View

- View assignments and deadlines across daily, weekly, and monthly layouts.
- Drag-and-drop tasks to reschedule easily.
- Sync with school calendars or external planners.

4. 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).
- Adaptive learning: quizzes adjust difficulty based on user performance.
- Help students reinforce memory, prepare for exams, and test comprehension.

The Benefits of Using Focus Flow:

1. **Enhance Productivity:** To provide students with an intuitive and distraction-free platform that centralizes all academic tasks and deadlines.
2. **Promote Time Management:** To encourage consistent task tracking and prioritization through smart scheduling and reminder features.
3. **Reduce Academic Stress:** To help students maintain a balanced workload by organizing tasks and visualizing progress clearly.
4. **Simplify Academic Organization:** To eliminate the need for multiple apps by integrating essential tools for task management into one unified system. #