

# Project Proposal Document

## Project Title

**Smart Study Planner: A Task Organizer with Reminders**

## Problem Statement:

Students often struggle with organizing their school tasks, deadlines, and exams. Forgetting due dates can cause unnecessary stress and lower academic performance. While many productivity apps exist, they are often too complex or not tailored for students. A simple and easy-to-use study planner designed specifically for managing the deadlines of schoolwork is needed.

## Project Objectives

1. To create a user-friendly application that allows students to record and manage tasks.
2. To integrate a reminder system that alerts users before a task deadline.
3. To implement file handling using JSON/CSV so that tasks are saved and retrieved easily.

## Planned Features

- Add, edit, and delete tasks.
- Categorize tasks by type (assignment, project, exam, etc...).
- Input and store deadlines for each task.
- Display reminders for upcoming deadlines.
- Save and load tasks using JSON/CSV file handling.

## Planned Inputs and Outputs

- **Inputs:** Task name, category, deadline, notes.
- **Outputs:**
  - List of upcoming tasks displayed in order of deadline and category.
  - Reminders/alerts for tasks nearing their due date.
  - JSON/CSV file that stores all tasks for future use.

## Flowchart









