

# Project 3: Calendar

## I. Project Definition

- **Goal:** Create a mobile or web-based calendar tool to assist students manage their schedules and stay organized.

## II. Core functionalities

- **Event Creation:**
  - Allow users to create events with titles, descriptions, dates, and times. Add options for repeating events (daily, weekly, and monthly).
  - Allows you to schedule dedicated events such as club meetings, sports practices, or social gatherings in addition to academic obligations.
- **Event management:**
  - You can edit or remove existing events. Schedules may be created using drag and drop. Set reminders for future events with customized notification choices (pop-up, email, and SMS).
- **Calendar Views:**
  - Provide many calendar views (day, week, month, semester, and year agendas). Allow users to move between views with ease.
- **Class Schedule:**
  - Allow for easy import of class schedules that include room numbers, professor information, and meeting hours. Integrate with common school scheduling tools, if possible.
- **Assignment Management:**
  - Create and monitor assignments, including due dates, priority, and full descriptions. Attach files (pictures, papers) to assignments as reference material.
- **Exam and Quiz Tracking:**
  - Create special sections for forthcoming examinations and quizzes using important details like date, time, and subject.
    - Set reminders with customizable notification options for upcoming exams.
- **Study Timer & Breaks:**
  - Integrate a study timer with customizable intervals and breaks to help students manage study sessions effectively.
  - Offer options for white noise or background music to enhance focus.

## III. Additional Features (Optional)

- **Advanced Search:**
  - Include search capabilities to locate certain events or keywords inside descriptions.
- **Synchronization:**
  - Allow for easy access across different devices (phone, tablet, and PC).

- **Progress tracker:**
  - To see approaching deadlines, accomplished tasks, and the overall workload balance.
- **Gemini Time Estimate:**
  - to estimate time needed for each assignment
- **Pormoto Timer**
  - With flexible intervals and breaks