

# Syllabyte: Student Planner

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# 1. Problem Statement

# Problem Statement

University students often struggle to stay organized and manage their study time effectively across multiple classes, assignments, labs, midterms, and appointments. This often leads to missed deadlines, poor academic performance, and burnout.

Our task was to design a **minimum viable product (MVP)** that helps students efficiently manage their academic life. The tool should be intuitive, featuring a **calendar** and a **dashboard**, allowing users to input tasks at specific dates and times.

Queue  
Syllabyte!





# Syllabyte



Our solution, **Syllabyte**, is an intelligent planner that automates task management for students.

Instead of manually entering dozens of deadlines from multiple syllabi, students can **paste their syllabus text directly into the app**, and our parser automatically extracts key dates (assignments, labs, quizzes, exams) and adds them to a clean, visual calendar.

## 2. Design Decisions

# Design Decisions

## MVP

- Main Dashboard
  - Task List
  - Syllabus Parsing
- Calendar
- Implemented using tab system

## User experience

- Welcoming feel for students that are overwhelmed
- Minimalistic design
- User friendly

### 3. User Story Map & Initial Prototype

# User Story Map

Products > SyllaByte > Story maps  
**REC\_2025**

Discovery Planning Backlog Tracking Timeline Classic

Roadmaps Share Settings

Go to card Ctrl

Scheduling Syllabus Sorting Dashboard Overview Accessibility

Editing your Calendar Adding Priority Tasks Parse Syllabus Text Box Detecting/Reading Syllabus Daily/Weekly View Upcoming Tasks Summary Customizable Appearance

MVP

Ability to input tasks at specific dates and times Smart Priority: Ranks tasks automatically by effort and urgency.

Simply Copy Pasting your entire schedule onto a Text Prompt Building your work week automatically using RegEx

Color Coded based on Effort/Days till Due Minimally Display Tasks due so its not too overwhelming

Dark/Light Mode

Marking Completed Tasks off and removing them from the main view

Streaks / Consecutive Days Focused

Upcoming fixes so it detects more formats for syllabi (images?)

Implementing Databases For Accounts

Potentially a Color Blind Mode, Vignette, More accessibility options

Release 1.1

minimins

# Initial Prototype

Student Planner

Dashboard    Calendar    Grades

Add Task    Add Syllabus

High Priority

Medium Priority

Low Priority

The image shows a wireframe prototype of a 'Student Planner' application. The interface is divided into several sections: a header with navigation links (Dashboard, Calendar, Grades), a central content area with priority sections (High Priority, Medium Priority, Low Priority), and a sidebar with a grid of 12 boxes. The priority sections are color-coded (red for High, yellow for Medium, green for Low) and each contains a large white area for content. The sidebar grid has some colored boxes (light gray, yellow, red, green) corresponding to the priority levels.

# 4. Demo!

## 5. Future Additions

# Future Additions

## Grade Viewer

- Ability to insert current grades as they are not always posted

## Accessibility Features

- Colour Contrast
- Language

## Improve Analytics

- Productivity streaks
- Improve priority distribution

## Task Notifications

- Task reminders
- Daily task summary

## User Login

# Questions?

# Thank you!

A presentation by

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