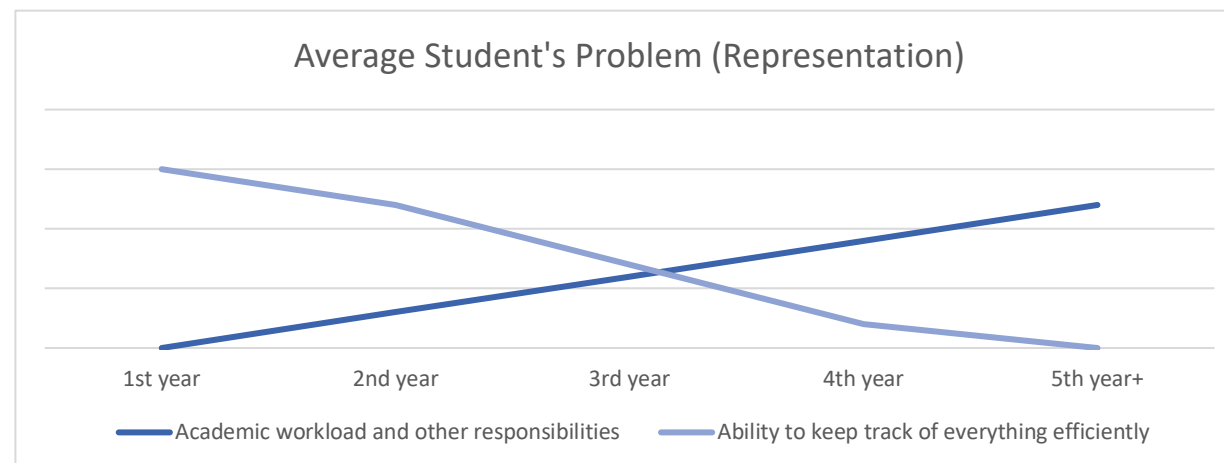| Topic: Student Agenda Manager and Academic Progress Tracker | Author Sebastián G. Maldonado Rosado | Date: 01/28/2022 |

1. Problem Background

- The average college student can have a hard time keeping up with their personal academic statistics and data (credits, grades, GPA).
- Many students struggle managing to stay on track with their itineraries, due dates and other significant events during a semester/school year.
- A common student may recalculate their GPA and verify their curriculum at least 8 times during a 4-year program, and 10 times during a 5-year one. In general, this occurs more at a higher frequency, especially since many students take more than 4-5 years.

Average Student's Problem (Representation)

1st year   2nd year   3rd year   4th year   5th year+

— Academic workload and other responsibilities   — Ability to keep track of everything efficiently
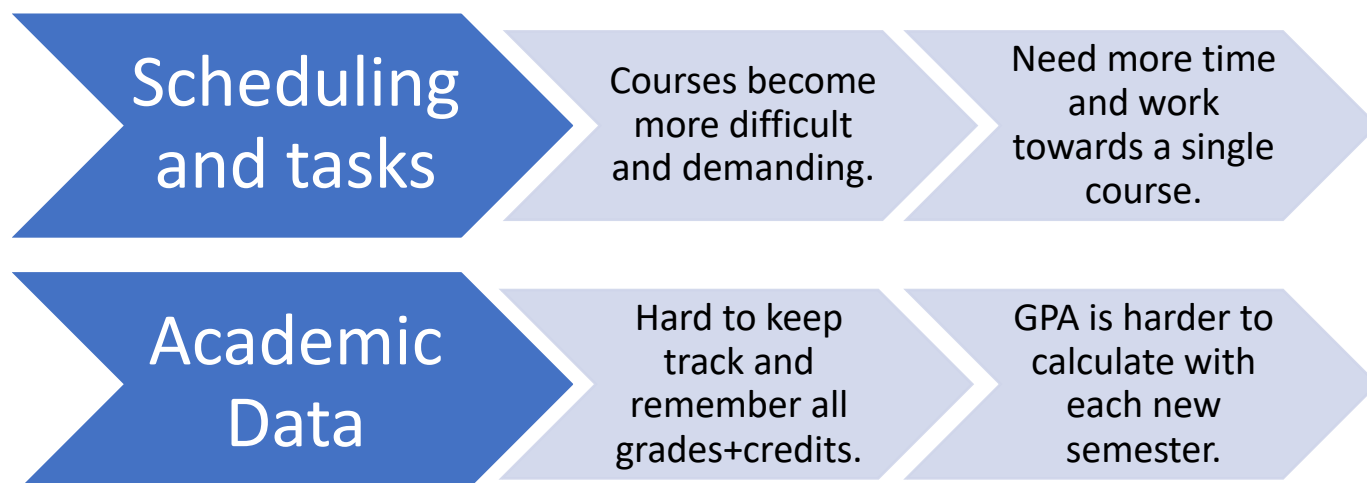
2. Target

- The goal set to be completed by April 28, 2022, is to have created a platform that helps the student keep track of their class schedule, course work, grades, and GPA efficiently. Along with providing useful insight into their academics.
- Student feels confident with the tool and is satisfied with how it helps them keep track of their records and stay up to date with their classes.

3. Causes

- *Root cause*: students don't have an accessible tool that helps with scheduling, task managing, GPA calculation and academics tracker.

Scheduling and tasks → Courses become more difficult and demanding. → Need more time and work towards a single course.

Academic Data → Hard to keep track and remember all grades+credits. → GPA is harder to calculate with each new semester.

4. Countermeasures

- As a web-app, the tool can be used to share your information among peers or people of the students choosing. Other can view the taken courses, grades and insights.

Category	Possible Countermeasures
GPA and grade tracking	Students can add a course along with its credits, grade and syllabus to the platform. Here they can view them by semester, year or overall.
	Students can keep track of their grades by semester and year, and they can view their overall GPA or view it by semester or year.
	Students have the option to calculate the weighted grade of a course (i.e., the final grade of a class).
Scheduling and task managing	The platform has a calendar. Other calendars can be imported into it, while being able to add classes to the schedule.
	A to-do list is available to keep track of upcoming assignments and deadlines, order by priority (the sooner it's due, the higher the priority).
	The student will receive notifications and reminder of events they have or work that is due.
Academic Insight	User can view dashboards detailing different aspects of their academic data.
	Student has access to the mode of their grades, average credits per semester, and other insightful trends.
	Student can store transcript, resumes and other material that can help them validate their academic data.

5. Check/Evaluate

- The project's success can be determined by various factors:
  - A growth of total users, and a high percentage of active users.
  - Run surveys periodically to guarantee user satisfaction.
  - Use data of usage to see what parts could require tweaking for a more efficient usage.
- To bring users to the platform, the project should be promoted among college students. Whether by social media or emails, or by hosting and sponsoring free workshops of the platform (in campus, with student organizations).
- The root cause will have been eliminated, since students now have a tool to facilitate their college workflow.

6. Act/Standardize

- The project's continued success will be guaranteed by listening to user feedback constantly and using it for possible improvements. While also promoting among different colleges, societies, students, and other academic settings.
- An improvement to the project could be catering to different institutions, adding various GPA scales and grading systems, and multiple languages support.
- Offer the project as a customizable product to universities (e.g., Moodle, G-Suite, BlackBoard, etc.).