GRADE TRACKER APP

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What:

- We will be developing a grade tracker app!

Why:

- In our experiences as post-secondary students, we've found no quality products that we have been able to find to manage all grades in one place
- Most individuals we know often have to calculate by hand / have homemade excel documents to track their grades
- Online applications do not store information so data has to be re-entered each time you navigate to the webpage.
- There are some apps available for this purpose, but there are none that are free and have clean, simple interfaces

Target Users

Secondary & Post-Secondary students who wish to keep track and organize their grades

How will people use this app?

Students will start using app by setting up semester(s) and adding in respective courses. If known, student can add all assessments and weightings to each course.

User Interactions

- As grades are received, students may indicate that an assessment has been graded, and input their marks and weightage.
- Students will see their grade-to-date and their total grade for both courses and semesters.
- Students will be able to calculate “What Do I Need” scenarios:
  - Average needed on remaining to finish with x% overall
  - Average overall if get x% on remaining

What Problems Would This Solve?

Creating a free and easy to use tool that will…

- Manage grades in a single location
- Provide easy access to current average information
- Answer grade questions students are calculating manually or using online calculators

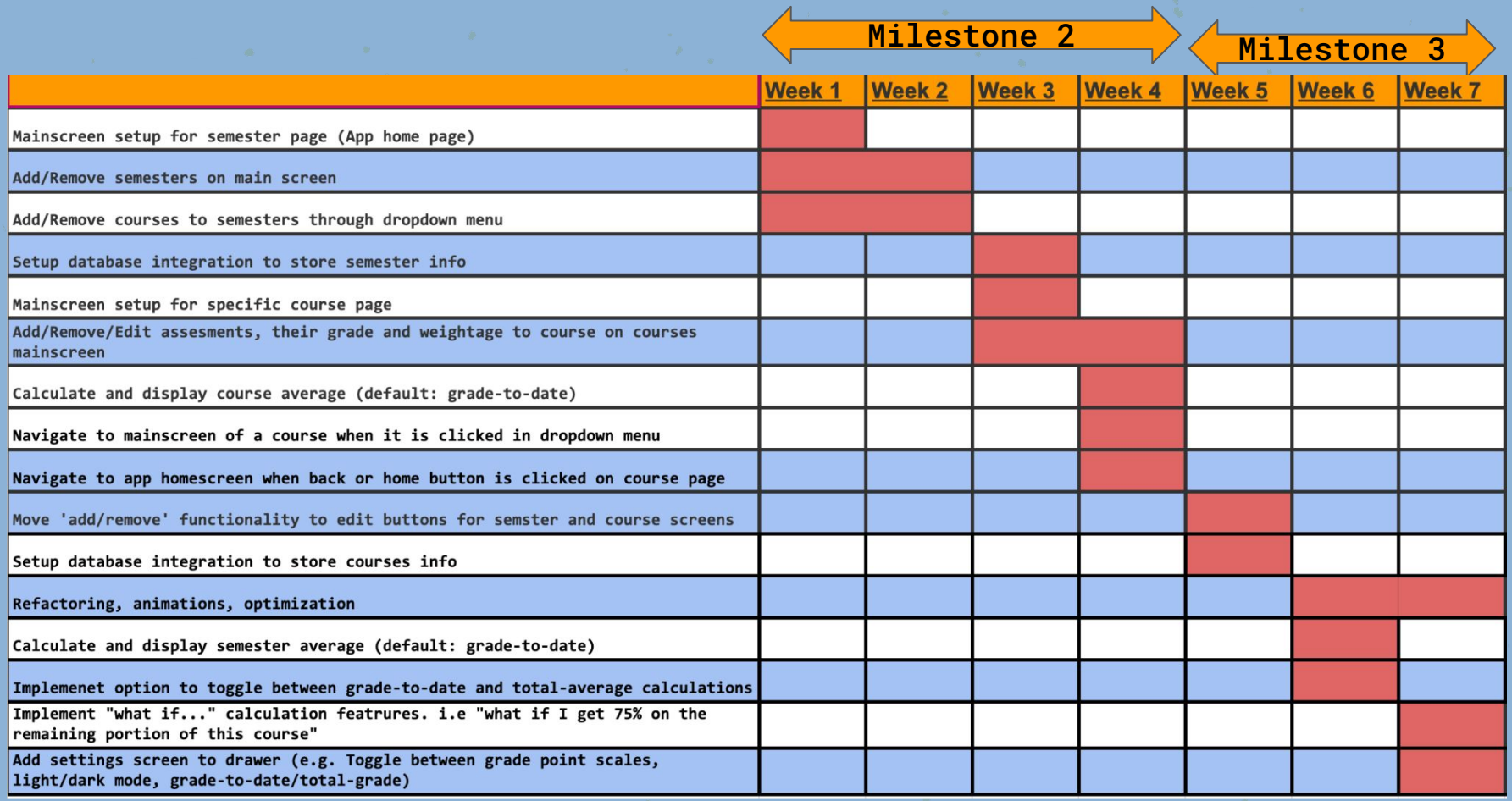
What Makes Our App Special?

- Free
- Unlimited number of semesters/courses
- Simple and intuitive UI experience
- Able to track by course or semester

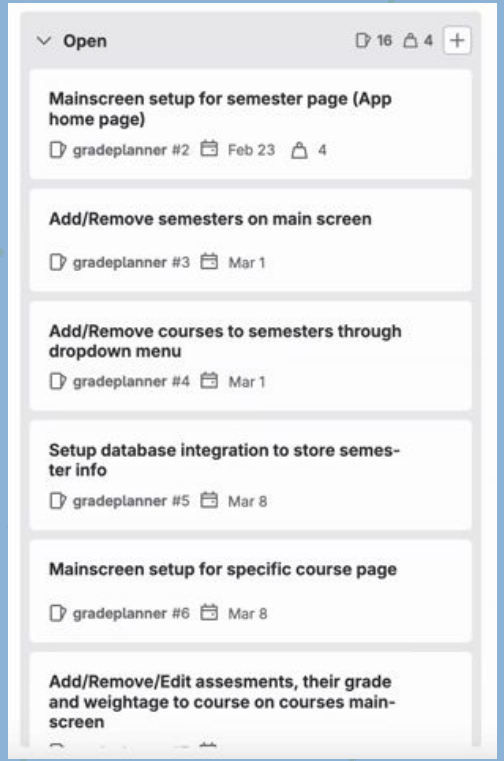
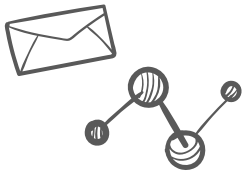
... there are no apps currently available that meet the above specs!

Interface Design

Project Plan


Milestone 2
Milestone 3
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Mainscreen setup for semester page (App home page)
Add/Remove semesters on main screen
Add/Remove courses to semesters through dropdown menu
Setup database integration to store semester info
Mainscreen setup for specific course page
Add/Remove/Edit assesments, their grade and weightage to course on courses mainscreen
Calculate and display course average (default: grade-to-date)
Navigate to mainscreen of a course when it is clicked in dropdown menu
Navigate to app homescreen when back or home button is clicked on course page
Move 'add/remove' functionality to edit buttons for semster and course screens
Setup database integration to store courses info
Refactoring, animations, optimization
Calculate and display semester average (default: grade-to-date)
Implemenet option to toggle between grade-to-date and total-average calculations
Implement "what if..." calculation featrures. i.e "what if I get 75% on the remaining portion of this course"
Add settings screen to drawer (e.g. Toggle between grade point scales, light/dark mode, grade-to-date/total-grade)

Gitlab Issues Board



Thanks for Watching