

Product vision report

Gradebook and Report Card System

Group 4

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Problem Statement

For teachers, keeping track of grades and calculating weighted averages manually is often tedious and prone to errors. Keeping track of various different courses, projects and assignments requires careful planning and meticulous note taking. Compiling report cards can be time consuming as well, since it must be done with care to avoid oversights. Students often find it difficult to find and review their grades in a centralized system as well.

Target Audience

The product is designed primarily for teachers, assistants and educators. Teachers and instructors of various different levels of education, from elementary school to higher education, can use this tool to their advantage. Students can use this tool as well to view their grades, averages and report cards. The primary use case is towards teachers.

Value Propositions

This product offers multiple smaller tools and features related to grading and teaching, compiled under one clear and easy to use interface.

Key functionalities:

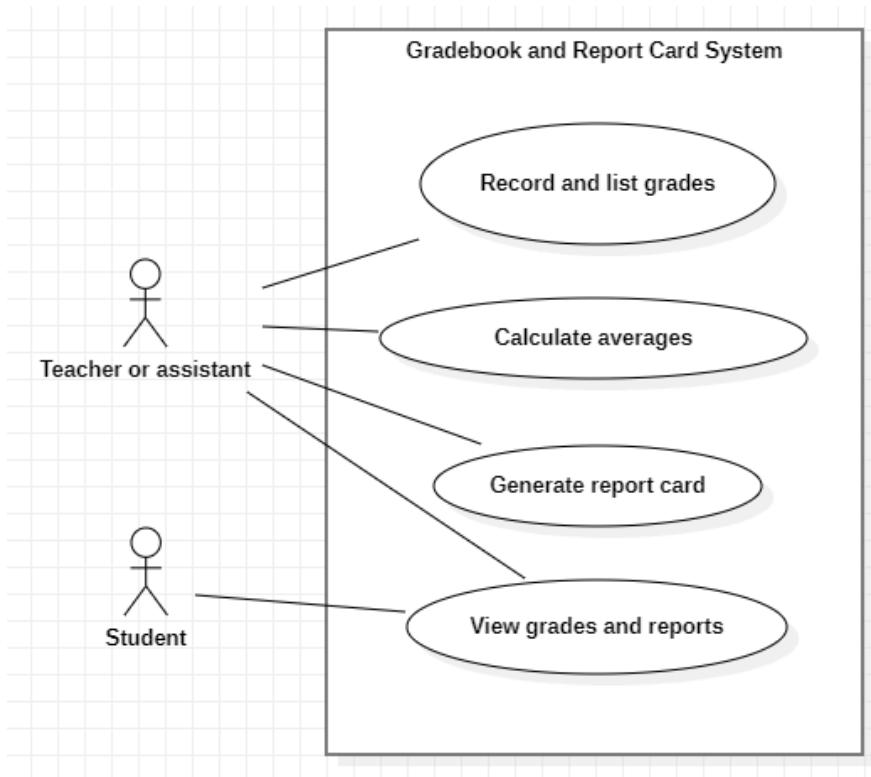
- Record students' grades in tables
- Give teachers an interface to track courses and students
- Generate report cards for students and teachers
 - Save as file, print
- Calculate average grades
 - Including adjustable weighted averages and other metrics
- All grades in one place
 - Courses, projects, assignments, etc. can be found easily
 - Both teachers and students can view grades and averages

Goals and Objectives

- Increase user adoption rates by 100% within 3 months
- Improve user satisfaction scores to $\frac{4}{5}$
- Have a basic product that works by the end of the course

Vision Statement

Our vision is to provide a useful multitool for teachers, educators and instructors for recording grades, calculating averages and creating report cards, among other features. The core functionalities of the product can be seen in the diagram below. The user interface will be clear, simple and easy to use, while providing the necessary functionalities to help and simplify teachers' day-to-day tasks. Our aim is to mitigate and avoid preventable mistakes when it comes to grading and giving feedback to students.



Use-case diagram.