Use cases:

1. Professors using website to input grades – **Tyler**

Graphical user interface, text

Description automatically generated with medium confidence

1. Professors identifying outliers / statistics – **Brandon**

The User once on the program would be able to go into their grades to check for a possible outlier to their expected grades and keep a closer track of them to see if there is anyway that they can help improve the class, and/or those struggling students performances.

The User will first have to log on to the program. They then will simply need to go to the grades and input any grades that they have not put in yet with an expected average for the assignment. The program will then flag assignment that are problematic according to that expected average and the average of the students and the class. The User then can filter the problematic assignments and see what exactly people are struggling with so that they can work on planning to try and help the difficulties the class is facing.

Diagram

Description automatically generated

3. Students checking grades – **Ben:**

My assigned use case is students checking their grades. Students will be able to log into the website anytime using their school email address and password. This will load a dashboard view, listing all of the courses that the student is currently taking, as well as their 3 are most recently graded assignments along with the scores. It will also show any assignments that are due soon or overdue, and well as the course score to-date.

If the student clicks on one of the course names, they will get a list of all assignments in that class, both graded and ungraded, along with more detailed information. They will also be able to see notes here that were left by the teacher and there will be a button to dispute a specific grade if they believe it to be incorrect. This flags it for teacher review. There will also be a button next to the instructor’s name to contact them by email.

There will be a small menu always remaining at the top of the website, allowing the student to change settings (such as their password and notification preferences), or log out. The header will also include the school’s logo, which links to the school's main website if clicked.

4. Administrators monitoring professor performance / ensuring adequate usage of the system - **Madison**

5. Professor looking at single student performance view – **Emily**

**Use Case: Professor views a single student’s grades**

• Primary Actor: Professor

• Scope: The gradebook

• Level: User goal

• Brief: The professor logs in, selects a class, and views a student’s profile.

• Stakeholders:

* Professor
* Student
* Gradebook management

• Postconditions: Student’s grades were accessed.

• Preconditions:

* Professor has an account.
* Professor has an active class.
* Student is in at least one of the professor’s classes.

• Triggers:

* Student’s grades are requested.
* Professor needs to view student’s missing assignments, attendance history, or statistics.

• Basic flow:

1. Log in
2. Navigate to classes page
3. Select student’s class
4. Select student’s profile

• Extensions: No available selections would modify the flow or outcome.