Omar Chehab, chehabom

Brennan Gebotys, gebotysb

https://mathlab.utsc.utoronto.ca/cscb20/chehabom

# What are some challenges that you and your team member faced? How did you go about addressing these challenges?

One of the challenges we faced was implementing php code throughout our project in an organized way where code duplication was minimized, and our code was very easy to understand. To do this we first created a query function which would take in a SQL query, and then return the results of the query in an array, which would be to extract information from. To make sure our code was easy to understand we then created PHP classes for each table, allowing us to easily extract information from our SQL database all while being very organized.

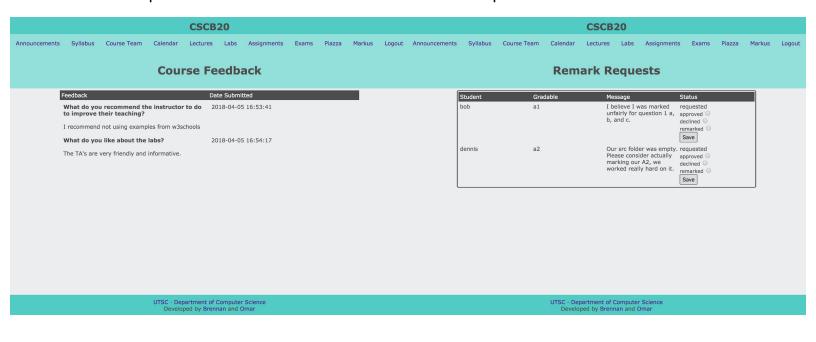
### What are some new things that you have learnt by working on this assignment?

We learned a lot about PHP and how powerful it is, especially when combined with HTML and CSS, but also the disadvantages of it, since it contains both client and server code in the same file thus making it very hard to maintain.

Another thing we learned while working on this assignment is how important team communication is, and making sure all team members are on the same page before jumping into the coding, which allowed us to seamlessly create an amazing website we are proud of.

## Provide simple screenshots taken directly from your website that explains how you have addressed the requirements of this assignment.

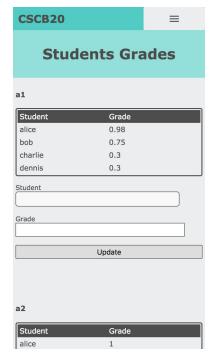
We adapted our website to work with mobile and desktop.



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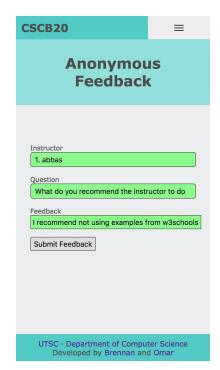


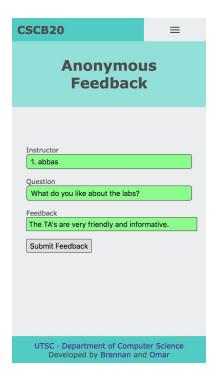
### **Instructor User**

We emphasized usability as well to make it easy for instructor to view, add, and update student marks.

#### **TA User**

With minimal code duplication, we were able to implement adding and updating of student grades without exposing the grades of all the students as required by the assignment.





#### Student User

As a student, you may select the instructor, select the question from a dropdown of question, and submit feedback which will anonymously be displayed to the instructor.

You can view ONLY your grades and submit a remark request.

