Assignment 2 Report

- **What issues and problem did you notice with some of the previous websites?**
  - The original course website is not responsive. When I decrease my window size on my computer, I am not able to view all the content in its page.
  - The "news" page on the original course website is not available.
  - The style on the "news" tab is inconsistent. For example, in the "home" page, the style for the "news" page is just "news," whereas in the "calendar" page, the style for the "news" page is "new news" with the "new" in colour yellow.
  - The order of the tabs on the navigation bar is inconsistent.
  - The navigation bar is inconsistent with its tabs, such as the "home" page is missing a "test" tab.
  - The "test" page on the original course website has no content.

- **How did you address these issues in your redesigned course website?**
  - In order to make the course website responsive, we used flexbox to change the row boxes into column boxes to help view the content in smaller screens. We also changed the navigation tabs from rows to columns.
  - We made sure all pages are available by connecting all html files properly.
  - To make the navigation bar with consistent styling, we made a main.css file to put all global classes and tags in it. By doing so, we will be able to make changes at one file and it will change all associated classes and tags.
  - To make the navigation bar and other common parts of the page more consistent, we wanted to do a base skeleton template where it contains all the common elements for our course website. However, we could not do it as it can only be done in Python Flask. Therefore, we had to check it manually at all html files that has the same content across all html files.

- **What are some challenges that you and your team member faced? How did you go about addressing these challenges?**
  - The main challenge for our group was that we are in different time zones. Therefore, it was hard for us to communicate with efficiency. To solve this problem, one of us had to sacrifice their sleeping time to accommodate for our meetings.
  - Another challenge was that it was hard to keep track of which html file is the newest version. At first, we wanted to work simultaneously, but we ended up spending a lot of time checking our code and updating them with our partner's code. After we finished the main framework of our website, we decided to divide the project into two and each person is responsible to finish the selected pages on their own. For example, one person did the "About" page and the "Announcements" page, and the other person did the "Lectures" page and the "Tutorials" page. This way, we saved time checking and updating our code.