

## CSCB09 A2 Report

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### Report Q1:

1. The first flaw that caught our eye about the previous websites was how all the content was on a single continuous page. It makes it hard for the user to distinguish between segments and leads to long and hard-to-read webpages if the instructor adds more content.
2. One of the websites had different pages apart from the main page. However, there was no way other than going back on your browser to toggle back to the main page or toggle from any one page to another page in an efficient manner.
3. Some of the previous websites used tables to show all the data for the lecture materials sections. Using a table is acceptable; however, if the table is longer than one page, as in the user has to scroll to view the entire table, then using a table becomes cumbersome for the user. Also, information compactly filled the table, making the user process more arduous.
4. There were also some contrasting issues with the previous websites. They were too monotonous in their design and provided no contrast or feature unique to a particular content division. Monotony causes everything on the site to feel the same which is not very pleasing for the user.

### Report Q2:

1. We designed our site with many different pages to solve the first flaw, each with its distinct division and purpose. We also made sure the user would easily find the content they needed using explicit naming conventions.
2. We designed a sidebar that shows on all pages except the index, which redirects the user to all site pages. The index page itself contains links to all pages on the site. This allows the user to toggle between pages quickly, making the experience easy for the user.
3. We also had a section with a large amount of content within it, our lectures section. What we did to prevent having the same flaw as the previous websites was to make more subpages. The lecture page had subpages, one for every week, and we even implemented a toggle bar on the right to allow the user to toggle between the weeks of lectures. All the

material for each week was organized on each subpage with adequate spacing to make the user experience smoother.

4. To prevent monotony on our website, we used different colours and fonts throughout the website to distinguish between pages. To make our site more visually appealing and stylistic, we embedded in youtube videos if it was possible and embedded google calendars on the office hour page for functionality. We used varying techniques to make our website seem more visually pleasing while still being pragmatic to prevent our website from being monotonous.

#### Report Q3:

1. The fixed header on top of all the webpages was transparent, making it hard to see. We changed the header's layer to the front layer by using z index to fix this issue.
2. Multiple elements were in the wrong position due to floating left. We fixed it by using the clear property which specifies the sides of an element for which floating elements cannot float.
3. For the index page, we had an issue with the opacity of the background image. We fixed this using photoshop to change the opacity of the image.
4. We had an issue with the background repeating the wrong way which we proceeded to fix using the background-repeat property. It allowed us to set how we wanted the background image to repeat.