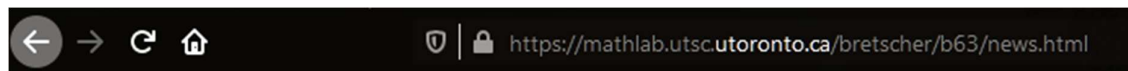


What issues and problem did you notice with some of the previous websites?

- 1) The navigation bar of the previous website was not consistent as the user navigated through the pages. This was most likely because the header was not the same among all the HTML files of the pages
- 2) In the previous website, there were links that brought up errors such as 'Not Found'. This issue was fixed in our website, and all links have a corresponding HTML file. See image below for the error after clicking on 'news' from the navigation bar



Not Found

The requested URL was not found on this server.

Apache/2.4.41 (Ubuntu) Server at mathlab.utsc.utoronto.ca Port 443

- 3) The previous website did not have a section that mentioned upcoming deadlines. This type of tool can be extremely useful for students and is included in our website.
- 4) There was no indicator to whether or not office hours was commencing in the previous website.

How did you address these issues in your redesigned course website?

Respectively:

- 1) We made sure that our header was consistent throughout all HTML files
- 2) We made sure that every link in every page had a corresponding HTML file
- 3) We added a section on the right side of the home page that lists dates and deadlines for upcoming assignments/exams
- 4) We put a small indicator on the top of the home page that tells the user whether or not office hours are commencing; and if commencing, by whom.

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

- 1) Making use of grid models was challenging as we struggled to make them look the way we wanted. But to overcome this challenge, we reviewed online materials and documentation on grids in CSS, and spent time trying & failing until we eventually got it right.
- 2) Getting our custom cursor to work consistently in every section of the website (header, content, footer) was difficult because for reasons unknown to us, the cursor would work properly on only half of the pages, and would flicker when placed over the header. To fix this, we wrote cursor styling for many sections within the website, even if they contain each other (html, body, header, footer, etc.). This resulted in the cursor working as we intended it to.
- 3) Achieving the appearance we desired was difficult with Flexbox. It had a learning curve that took us some time to get past, but by watching tutorials and giving suggestions to each other as we worked on the layout together, we succeeded to get the result we wanted.