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

Previous websites lacked a structure and the information was not well organized. Some websites had all the information presented in a single page. This forces the user to read everything and scroll through the entire page to find a small piece of information. The B63 website had links that were either not working or lead to empty pages or pages that did not have the right information.
Some pages had different items in the navigation sidebar than others, making the overall structure highly inconsistent.
The overall structure of the page layouts were also sub-optimal, especially for mobile views, and visually unappealing with the header and side bars being cut off at static points.
The text links were especially unappealing, with no responsiveness when hovered, so the user may not know this text is any different from a regular underlined text (especially for the colourblind).

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

An Identical navigation bar was used in all pages to ensure consistency across pages. Using CSS, we made the header and footer to be screen-size dependent, ensuring a symmetrical and similar view across device screen sizes, also adding a background colour to keep the strain of a bright white colour off the user's eyes. The font size is also dynamic, scaling with the screen sizes, removing the need to zoom in or out on different sized screens.
Also using CSS, we made all the links on the pages responsive, changing colour when the user hovers over it so they have a visual notification for the fact that this piece of text is special.
We avoided cramming all information together in a single page by making separate html pages for each section to make the website more organized and easy to find information. We made sure all links and pages were working. We also used tables wherever necessary to make information more presentable and neatly organized.

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

Visual appeal was challenging, because it is a school based website, you don't want to make the website too flashy or hard to navigate, as all kinds of students with different backgrounds in technology should be able to use it, so the UI must be both visually appealing and intuitive to use. Using just simple colours (and somewhat following the same colour scheme), the base layout of the page is much more appealing to the eyes and is still easily traversable by everyone.
Organizing a project over the internet is never easy, as we would have to update the files remotely and we would never know when and what the other person will modify,

but with the help of good communication and GitHub, we easily split the work and found good times to review each other's work as to not make any conflicting changes in the repository.