Sanad Thapa  
 CS 410 – Intro to Web Development - Summer 2021  
 Final Project  
 Journal  
Link to my Final Project - <https://sanadtm.github.io/SanadThapa-Home-Page/>

Link to the GitHub Page - <https://github.com/sanadtm/SanadThapa-Home-Page>

I started building my Final Web Project by looking at the previous homework to give me an idea of how to start as one of the requirements was to use the resources that we learned in class. I started by building the CSS grid that we learned in the class, and I planned to use it to create a layout, but it did not work out as I had to scrap it and rebuild it from scratch. Originally, I planned to make 5 separate pages each for HOME, ABOUT, PROJECT, CONTACT ME and RESUME and copy the navigation bar to each but I ended up making just one Page and putting all this info and navigating using the anchor TAG from Section to Section of the page.

I started with the navigation bar, as it is used to navigate around the site. I used the Anchor tag to navigate to each part of the Section. I listed the navbar elements and used CSS to align them horizontally and made on hover effect and highlighted the “Home”. After that, I created the header banner. I saw many personal websites with big header banners, so I wanted to create one for myself. I wanted to create this so that it covers the entire top page of the home page and then the visitor could either scroll down or use the navbar to jump to the sections. I also wanted to add the welcome text and my name somewhere around the banner with my photo in the middle which will on hover change into a different image using javascript which I think I accomplished.

After that, I created the "About Me" section where I used a bootstrap grid of 2 columns and 1 row for good responsiveness to put a photo of me to the left and the information section to the right where I put a brief description of myself and the activities that I participate in. After that, I created the "Resume" Section. This section also has 2 columns and 1 row of the bootstrap grid. Here on the left, I put a small portion of my actual resume describing the skills and technologies I am familiar with link to my actual resume on the bottom. On the right, I wanted to put a picture of something that is programming-related.

After that, I created the project section. Here I used the 2x2 Bootstrap grid, like on the about us section where I put pictures of each project in each grid after that I wanted to use an overlay on hover to display the details of the project that I have done. Since there were only 3 projects that I wanted to show on the 4th grid I wanted to put the GitHub link to the projects. After that, I created the contact me form section and contact me on social on 1x1 bootstrap grid where I created the form to contact me and my social media links. I created the Name of the sender section followed by the email of the sender and the actual message that the sender wanted to send me. For this, I partially copied the HW5 version of the form and then edited it out. At the bottom of the page, I created a link to navigate to the top of the page so that the visitor would not have to scroll back up

This project was very fun for me to do because I have never built myself a personal website. I will definitely take this project with me and add some more content and styles to it in the near future and use it as my actual website. I think as a CS major student, you need an online portfolio like the one that I have created in this class, and this class has helped me achieve that.