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**CMSC 122**

**May 17, 2021**

**Final Project Summary**

In ode of the upcoming Green Knight movie, I have decided to dedicate a website to the poet that wrote the original, “Sir Gawain and the Green Knight” by the Pearl Poet. I intended to use my website to showcase all of the writings that the anonymous author allegedly wrote. These titles include: Pearl, Cleanness, Patience, and Sir Gawain and the Green Knight. I have worked night and day trying to format the texts in a way that is the most digestible. I also had the tedious task of scouring the internet trying to pull together the most Common English friendly versions.

In order to make the most efficient website possible, I had to utilize all three programming languages that were taught in this course. That includes: HTML, CSS, and Javascript. The HTML aspect was the easiest part of the bunch. I decided to develop all of the pages with the same style in order to keep a clean and consistent look throughout the website. This is where the single CSS file comes into play. Keeping a uniform look made the development process an easier task then I had anticipated. My JavaScript skills still need some improvement. I tried to incorporate a photo gallery to show off some of the interesting photos I found surfing the web for Gawain information. I thought the code would work, but the images aren’t showing in the gallery. Despite the photo gallery issue, I was still able to integrate a fully functional two player Tic Tac Toe game under the “Fun Zone” tab on the website.

When organizing my code, I tried my best to make it look as clean as possible. So instead of embedding the JavaScript and The CSS into the HTML, I took the approach of making them separate files and then I just stuffed them into the head tag. When I felt like my code was functioning the way I wanted, I used an in-browser code cleaner to scrub the programs of any impurities that I looked over.

The tic tac toe Java script was something that we already tackled in class, so I already knew how to approach it. Player-1 starts playing the game and both the players make their moves in consecutive turns. The player who makes a straight 3-block chain wins the game. This game is built on the front-end using simple logic and validation checks only.

I learned a lot while developing this website. I realized that you could add a backdrop to the website without having the background move when you scrolled through the page. Initially, when I tried to add the old paper background, the code repeated the same background image because it was too small for the site. So I found a CSS code online that allowed the image to be fixed. I also learned how to embed YouTube videos into HTML. It was quite simple. When I tried to do it before, it couldn’t connect to YouTube.com but I found out that you have to use the embed link in order for it to work the right way.

If I had more time to dedicate to this site, I would definitely make it more interactive with cooler effects. In my downtime, I would probably make efforts to improve the user experience. Maybe find a more interesting way to integrate the poem text and embedded videos. I also will add more content to the website as I dig deeper into the topic of the Gawain Poet and 14th-century Middle English literature that I find entertaining. I like the idea of adding a forum section to the site so people who are also interested in this topic can have a way to discuss it.

Overall, the project was an very great front end learning experience for me. It made me more motivated to develop websites and even code in general. Hopefully I can stick to my word and continue to develop the website and spread the knowledge on The Pearl Poet.