Design\_diary cs 232 – Andrew Alexandrescu

Thoughts and comments:

I have to admit, this assignment was very difficult for me and I struggled a lot. And while I really like the nature of this assignment in how open-ended it was, I was not prepared for all that would entail. I really struggled with the lack of structure and a lot of the time I was at a loss of how to proceed. Being someone who is just a beginner with computer science this whole assignment felt very overwhelming to me.

The easiest part was the actual python coding, as I'm somewhat familiar with python and its syntax. What I struggled with the most was just how many moving parts was involved in this assignment. In a short time I had to familiarize myself with things like html, web design conventions, and other unfamiliar libraries. Often times I felt frustrated because it felt like there were so many moving parts to this assignment, if I got an error message I honestly didn't even know how to begin to troubleshoot it. Usually I'm pretty good at just googling things but half the time it felt like I didn't even know what to google.

I think if I had to offer advice on how to improve this assignment in the future, I would probably suggest breaking the assignment up into smaller pieces, so maybe make it 2 assignments. That way the assignment is still open-ended and "up to you" but also there would be a little more "hand-holding" for students that felt overwhelmed.

-> 6 p.m. 2/10

- Using cool website that allows you to preview <html> text to see how it works when printed on a website. Very helpful in understanding different coding techniques. "https://www.w3schools.com/html/tryit.asp?filename=tryhtml\_formatting\_intro"

- So far I've got the <web\_root> / <page\_name> posting with a couple random pages. Now I'm working on understanding html a little more before figuring out how to have an <all> page.

-> 12:45 am 2/11

- Reading through https://flask.palletsprojects.com/en/1.1.x/quickstart/ I've discored a url buidling function called url\_for( ) which along with the HTML element <a> with its href attirbute can be used to create an /all page

- the url\_for( ) function allows the input of a function such that url\_for('about')

would return /about.

- <a href="{{ url\_for('about') }}">about</a> #This would create a hyperlink to http://127.0.0.1:5000/about

- I've created a hyperlink for all my pages so far.

-> 10:30 p.m. 2/11

- Trying to figure out how to post the raw html page for editing.

- at a lost will try again tomorrow

-> 2:08 p.m. 2/12

- Working with Jordan has been super helpful. He explained to me how to use os to call file path and then use it to create an all page.

-> 6:12 p.m. 2/14

- Spent some time today understanding the funcitonality of os and using using the method os.listdir() to get a list of all files in specified directory and using a for loop to append those files to an accessible list used in creating the /all page

-> 10:30 p.m. 2/14

- found a great set of tutorials on youtube showing things like user creation and login

here: https://www.youtube.com/watch?v=BnBjhmspw4c

- these tutorials helped me to better understand the processes behind getting a user logged in/out and user authentication.