Assignment 2 journal – dnie495

This journal is on = http://127.0.0.1:5000/ when running the web application

JOURNAL:

The purpose of this web application is to display pages for users to browse through movies by title, genre, actor and director. This project has been a great learning experience for me in developing my coding knowledge and experience in. It has highlighted the lack of experience I have coding large projects and the importance of structure and planning in a programming project.

I heavily underestimated the amount of time needed to complete this project. I spent around 80 hours getting to the stage it is at now. I could have spent half of that time if I had pre-planned early and followed of the covid app provided on ian's github. For the first 30 hours I did not follow this structure at all which caused lots of issues later on into the project. Having these constant bug-fixing sessions and error messages was really annoying to deal with. With the vision I had and effort I had put in, I feel rather disappointment in the end result I have produced for this assignment.

Positives:

- Have a working movie browsing section
- Have an effective search function
- Learnt basic css, HTML, javascript and use of WTForms/jinja
- Learnt flask and flask structure for web projects
- Have now learnt the value of pre-planning and designing projects before starting them
- Implemented a header and footer that adjusts when the window size changes while also remaining fixed on top and bottom when scrolling up and down the page

Negatives:

- Didn't implement the repository correctly in the project
- Couldn't get "flask run" to work due to my directory structure
- Couldn't get Login/password to work well unless username is in Users.csv (need to re-learn how to do this better)
- Implemented a search bar in the header that ended up not being used
- Wasn't able to get genres, actors and directors to have movies connected to them (over-complicating the process)

Overall, I have learnt a lot from this project and will take a lot of this new knowledge for my upcoming career. I realize now that I should have closely followed the covid model to simplify the process and be able to get better marks. This assignment project wasn't what I had hoped i'd finish with. Yet, it has taught me a lot about what real world programming is like and I hope i'll receive individual feedback from the markers on how I can improve for my next project.