

Mock Router Report
One page reflective

Questions:

1. *What challenges did you face in doing the assignment and what were your solutions ?*

I'm still struggling with the fastAPI errors, I did lots of research and watched a good few tutorials this time on implementation. I definitely think my ability to use it has improved but is still not where I would like it to be at this point.

2. *What part of your submission are you particularly proud of ?*

I grasped the concept of the documentation this time which I completely missed last time (even though it's so simple, I was just overthinking it), so I'm happy with that. I also think I explained the functionality of my code very well with comments.

3. *What did you learn from doing the assignment ?*

I learned how routers work on a network.

I learned about Dijkstra's algorithm and how to implement it in Python.

I learned how to document in FastAPI.

I learned that overthinking things can sometimes make you overlook how simple they are.

4. *What did you think of the assignment ?*

Again, I am enjoying the process of learning the intricacies of concepts like networks and the internet and feel I have a much better grasp and a deeper understanding on their concepts now, but I am still struggling with getting to know how FastAPI works. I'm finding myself focusing too much on getting to know how to adapt everything to make it suit the requirements rather than focusing on the concept of the assignment (while I understand that experience in these applications is desirable to employers and will benefit me). Even though we had an extension I felt I needed more time to familiarize myself with FastAPI as even the many tutorials I watched didn't help me when it came to basic 500 or 404 errors that were coming up for me in my code. I couldn't figure out where I was making mistakes or misunderstanding things. I tried a different approach this time as opposed to last time; last time I wrote my code as an API app from the beginning which took me much longer (due to the errors) than this time around where I implemented my code in Python first and then added in my API elements at the end and tested at each stage. This left me much less stressed and left me more time to edit and modify my code to suit FastAPI requirements and research & fix errors (although I still couldn't fully escape them). However I'm having trouble seeing where I'm going wrong, in both the last assignment and this one.