

# CS-470 Final Reflection

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Presentation: <https://www.youtube.com/watch?v=UqFQI4wqlkU>

From taking CS-470, I feel I've learned a lot and gained a lot of skills when taking this course. Upon completing the project, I had run into some issues where I had to figure out and learn how to resolve issues to get it to work correctly. This was often hours spent going over repeatedly lines, researching, and testing ways to get what was required to work. I also have learned to make note of the errors I've come across and how to help resolve them for others. These issues were spread out across Docker and AWS. I believe my strengths as a software developer consist of diligence, the ability to experiment and latch onto new procedures. I feel as a software developer it's important to know what to expect. Some of the roles I think I'm best suited for a new job would be a developer.

I would consider handling error handling by first pinpointing the problem and testing a block of code to resolve the issue. In order to correctly predict the cost I would consider the materials being used to configure and run the project that is being worked on. It is more cost to utilize containers as opposed to running a serverless for a project. Containers also take a lot of resources to run, such as memory, CPU, etc. I believe the pros for expansion would be, increased capital, ability to increase marketing influence, as well as attracting more customers. The cons for expansion would be increased capital requirements, insufficient planning, and possibly shortage of cash when it comes to running. Elasticity and pay-for-service play an important role when it comes to decision making. Elasticity essentially is used for public cloud services, and it enables companies to either pay for use or grow. Having a price suited for the company size lessens the tension of worrying about costs for running the service. If the company is small they can easily consider ways to grow and expand.