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CS-470 Full Stack Development II

Module 8 Final Reflection

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Considering this class, I am exceedingly grateful for the content, and the material that was presented. This was surely a gap in my understanding as I have been away from the day-to-day in IT Operations for sometime. I can now say with confidence I've gained a solid overview of how modern-day Cloud-Based Development, and indeed, Cloud-Based Computing using AWS. My career path has been, and will continue to be in Operations, so, Development isn't really my area of focus. However, this class, and indeed the program as a whole provided me with a deeper understanding of software development, much deeper than I had previously. As mentioned, the cloud aspect of modern computing I think was the biggest gap in my skill-set, a gap I can say has been filled.

Thinking about growth, in scaling an error handling, one of the benefits of cloud computing is the ability to dynamically scale up and down as needed. I would likely depend on that functionality in this case. As for error handling, while it wasn't covered in the class, I did explore the AWS ecosystem a bit, and noticed there were several logging options. I would likely avail myself of that function for error checking. In terms of cost prediction, I think the easiest way to arrive at a budgetary figure would be to analyze existing volumes and costs, and then calculate the expected growth rate, and apply that to the existing costs. In terms of predictability, I really think it depends on the specific offering, and the details associated with each.

In terms of future expansion, as mentioned the AWS Cloud offering makes expansion, and retraction simple, and easy. I should think the main decided factors on when to expand would be when planning a new initiative with expected additional traffic on the application. Since AWS uses the pay-as-you-go model, and since it can expand quickly, I would likely increment by expansion little-by-little to ensure I wasn't oversubscribed.

I really appreciated this class! YouTube Link: <https://youtu.be/w8A-5yhE0bQ>

