

SNHU CD 470 Reflection

presentation: <https://youtu.be/soxa6o9m0p4>

Experiences and Strengths:

With this course I was able to reinforce my skills with Docker and Docker Compose. I learned how to build a working service using Amazon Web Services(AWS), this was a different experience from previous attempts with google cloud. Learning to use API development with the API Gateway creating public end points for user interactions. This knowledge was expanded further with storing the data in a new format with DynamoDB and connecting it with Lambda API. With these tools I was able to create a fully working service with correct permissions and access control.

This expanded my strength as a developer by learning to review and test code are great strengths but also planning and designing how to approach software development. This also aids my ability to be a problem solver by having the documentation and understanding of the underlying service and structure. These are all abilities that will aid in preparing for a role in software development expanding on my current role. My goal is to get into back end software development.

Planning for Growth:

Services need scaling to meet the demands of usage, with regular development approaches this requires scaling the services and applying load balancers to keep the replication stable. More features like logging and traffic monitoring must be added to monitor costs, scaled services often need adjusted during peak periods. With AWS these are handled automatically. Limits will need to be set to maintain budget but the service will scale to the demands keeping operating costs low. AWS allows you to monitor service logs, and traffic giving you the ability to track errors and see where the areas of your are experiencing the most growth. These tools are a necessity to see the areas of growth. The pay as you use model of AWS provides a better value for service needs, without worrying about increased resource costs without overpaying for unused resources.