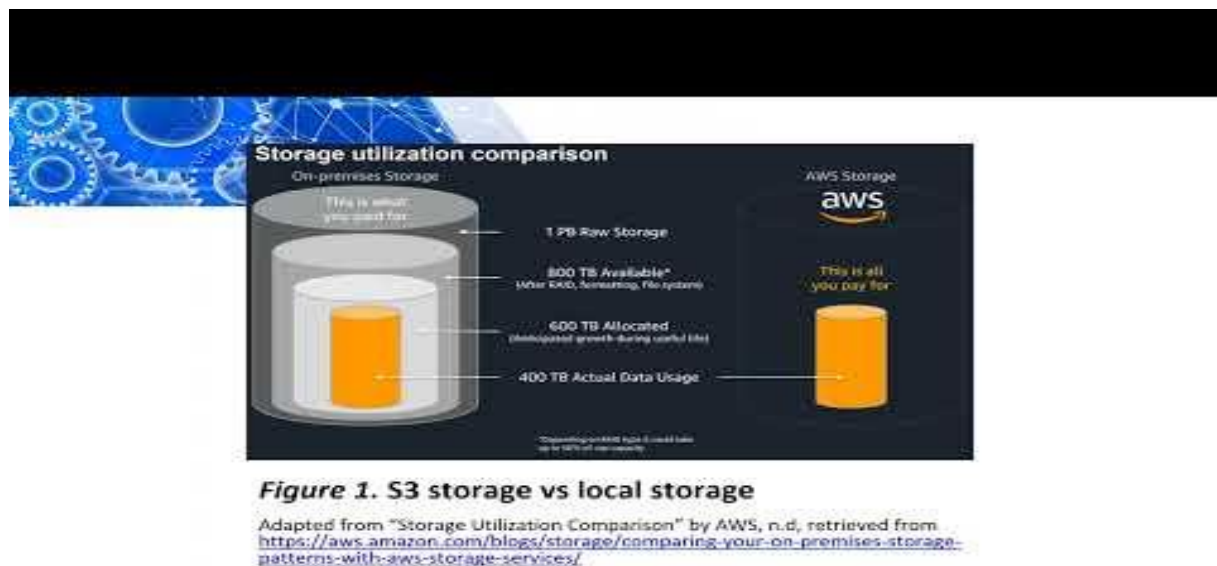Abby Ramatowski

08/17/2022

CS 470 Final Reflection

[Abby Ramatowski_08-14-22_Project Two Conference Presentation](#)

Figure 1. S3 storage vs local storage

Adapted from "Storage Utilization Comparison" by AWS, n.d, retrieved from
https://aws.amazon.com/blogs/storage/comparing-your-on-premises-storage-patterns-with-aws-storage-services/

Experiences and Strengths:

This course will help me tremendously with reaching my professional goals. I have learned skills involving transitioning a web application to a cloud-based web application. These skills will make me a more marketable candidate in my desired career field because cloud-computing is widely used and has greater opportunities for growing businesses. Some of my strengths as a software developer include problem solving and handling errors that occur; I have become more efficient with this process. I also have a good knowledge base with managing, creating, and editing databases, and have good time management skills. In a new job, I am prepared to assume an IT related role in an entry level job where I can continue to improve my skills while working in an IT industry.

Planning for Growth:

There are various ways that microservices or serverless can be used to produce efficiencies of management and scale in my web application in the future. In order to identify and handle errors, serverless computing programs can be used to improve visibility. In my project, I used Amazon's AWS to identify and handle errors in the complexity of microservices and serverless clouds. AWS also provides benefits for predicting cost. Many of the AWS features follow a pay-as-you-go model which allows consumers to only pay for the services they use. Serverless offers more cost efficient options than containers because you do not have to pay when the application is not being used.