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CS 470 Final Reflection

<https://youtu.be/Hhyxny1oFVE>

In this course, I learned to develop a fully functional web application that provides basic create, read, update, and delete methods. This will help me in my career in computer science because I will be using these kinds of methods often in the programs I work on. As a software developer, I excel at problem-solving when discovering a bug in a program which will greatly benefit me in my future career work because it has a lot to do with discovering where bugs are in a program and how to fix them. I am prepared to work in software engineering for a future career as it aligns very closely with my career goals and the work in the courses I have taken.

Serverless can be used to create a more portable and reliable environment that eliminates the need for physical upkeep. Error handling in serverless applications can be as simple as creating a function within the service that manages errors. This could be done by identifying which error is being displayed and providing assistance like printing out the error code to the console. Predicting the cost of the program involves planning and identifying the potential size of the project and using a pay-as-you-go plan to avoid paying for more than you need. This plan makes it easier to predict the cost of projects after determining what ballpark specifications will be used.

Plans for expansion depend largely on current revenue trends, the performance of applications, and the list of company needs for the future. Careful planning and project management are necessary for deciding plans for expansion. Elasticity and pay-or-service make

it easier to predict growth as revenue can be streamed back into the company's service costs which gives the company the advantage of paying for only what they need. Deciding what the company needs and eliminating excess storage or other data that is being paid for can maximize revenue and encourage growth.