

Presentation Link: <https://www.youtube.com/watch?v=zw0Qut6Jyck>

- **Experiences and Strengths:** Explain how this course will help you in reaching your professional goals.
  - What skills have you learned, developed, or mastered in this course to help you become a more marketable candidate in your career field?
    - Some skills I have learned in this course include setting up an application in the cloud, testing and deploying an API, and creating a youtube presentation video.
  - Describe your strengths as a software developer.
    - I think my strengths as a software developer include using logic to solve problems and breaking down a problem into simple components.
  - Identify the types of roles you are prepared to assume in a new job.
    - I am prepared to assume the role of full stack software developer and have actually started this career a few months ago.
- **Planning for Growth:** Synthesize the knowledge you have gathered about cloud services.
  - Identify various ways that microservices or serverless may be used to produce efficiencies of management and scale in your web application in the future.

Consider the following:

    - How would you handle scale and error handling?
      - Scale is most easily managed with hosting the application on the cloud with a platform such as AWS. Error handling should be

handled with Lambda functions that are triggered when an error occurs.

- How would you predict the cost?
  - Costs can be predicted based on data from similar applications, but this can be avoided by utilizing a pay per use model.
- What is more cost predictable, containers or serverless?
  - Containers are more cost predictable since it is known how much storage will be purchased. Serverless, on the other hand, will vary in cost depending on the usage.
- Explain several pros and cons that would be deciding factors in plans for expansion.
  - A pro for expansion would be increased revenue and exposure, and some cons would be increased maintenance costs.
- What roles do elasticity and pay-for-service play in decision making for planned future growth?
  - Elasticity and pay-for-service are very important because the cost of these models are based on exactly how much data is used by the application and no more.