Azure Pipelines Activity

Please be sure to preview the Azure DevOps training section in the content section

One person submits - all group members must be listed on the assignment submission for consideration.

additional supporting videos:

What is Azure Container Registry

<https://www.youtube.com/watch?v=_ZzjkglIS0s&t=3s>

Deploying a Docker Container in Azure App Service using an Azure DevOps Pipeline

<https://www.youtube.com/watch?v=xubKJB5MjXA>

Completion: /15

Comprehension: /15

Journal: /10

This activity will cover the creation of an Azure CI/CD pipeline and deployment to azure app services. Azure app services is a serverless container service that allows for the rapid deployment of applications without the need to handle the underlaying infrastructure.

1. Create a new Azure Devops organization and a new private project called DC Cloud FirstName.
2. Create a new azure container registry.
3. Using Azure app services, create a new web app for containers (linux) service that will run your application.
4. Create a new azure pipeline, connect it to your GitHub account and configure the pipeline for Azure app service deployment using the service you previously created.