**Demo Setting**

**Demo 1: wildrydes-site**

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* Architecture:

A diagram of a software company

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* **Code setup:** 
  + **For front-end code: (html, css, javascript)**
    - Use AWS CodeCommit as a repository to contains code.
    - Use AWS Amplify to deploy website automatically (whenever new changes has been committed).
    - To change code and deploy it, you need to be an IAM user of my system. That means you need to register to our system as an IAM user then you can login and then can clone repository from CodeCommit and can use Amplify to deploy code changes.
  + **For back-end code: (javascript)**
    - Use AWS Lambda to process request
    - Save the data to DynamoDB
    - Code is attached as ZIP file.
    - No need to build code, just copy and paste into AWS Lambda function.

**Demo 2: Product Management**

* Description: Manage products, enable customer to add product, get all products, update and delete product.

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* Architecture:

A diagram of a diagram

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* Code Setup:
  + Code is written in Java using Spring Boot
  + Code is attached as zip file.
  + Run:
    - Open project in IntelliJ Idea.
    - Double click on maven Install to build code.

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* + - Once build success, we can see there is a zip file that contain our application within target folder.  
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    - Now, upload that Zip file into AWS Lambda Function and click on Deploy.
    - Testing:
      * Use Postman to execute requests such as POST new Product, get all products, get product by id, update product, delete product.

