

## AWS – Assignment 17

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### Exercise 1: Lambda Service (Personal Account)

**Question 1:** Author from scratch

B1: Tạo Lambda function bằng scratch

B2: Test

B3: Xem log ở CloudWatch

Tutorial: slide

**Question 2:** Blueprint

B1: Tạo Lambda function bằng Blueprint

B2: Test

B3: Xem log ở CloudWatch

Tutorial: slide

**Question 3:**

Xem Tutorial:

- Automate EBS Snapshot: [https://youtu.be/62ju\\_iFXoHE?t=818](https://youtu.be/62ju_iFXoHE?t=818)
- Copy Object S3: <https://www.youtube.com/watch?v=97q30JjEq9Y>
- <https://www.youtube.com/watch?v=XZggsCITQdY&t=526s>

### Exercise 2: API Gateway Service (Personal Account)

**Question 1:**

B1: Tạo Lambda function để return ra getAllDepartments() & getDepartmentById()

B2: Tạo API Gateway với mapping

- /departments → getAllDepartments() Lambda function
- /departments/{id} → getDepartmentById() Lambda function

B3: Test

B4: Deploy API Gateway

Tutorial: slide

**Question 2:** Error Response

Custom lại message khi gặp lỗi 4XX & 5XX

**Question 3:** Authorizers

Xem Tutorial: <https://www.youtube.com/watch?v=al5I9v5Y-kA>

### Exercise 3: Workflow Service (Personal Account)

**Question 1:** Step Functions Service

Xem tutorial

- <https://www.youtube.com/watch?v=s0XFX3WHg0w>
- <https://www.youtube.com/watch?v=YHqRwPkhWLS>
- <https://www.youtube.com/watch?v=65MK5KqaVh4>

**Question 2: Simple Workflow Service**

Xem tutorial

- [https://www.youtube.com/watch?v=Z\\_dvXy4AVEE](https://www.youtube.com/watch?v=Z_dvXy4AVEE)
- <https://www.youtube.com/watch?v=7lFVAGR57Z8>

**Exercise 4: Remove resources**

Remove các AWS resources đã sử dụng trong assignment này

