**Lab 9**

**PART I – Lambda and DynamoDB [is already done in the assignment 7]**

Step1: create API Gateway

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Step2: create new API and provide courseApi name.

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Step3: create resource.

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Step4: create method.

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Step5: create all resource and method as shown in fig.

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Step6: create stage and deploy api.

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Step7: Test with postman.

Step 7a. GET request for /course

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Step 7a. GET request for /course/item

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Step 7a. GET request for /course/{courseCode}

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Step 7a. POST request for /course

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**PART II - API gateway and Cognito**

Step1: create User pool

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Step2: Configure the Hosted UI, select the implicit grant on auth type and openId and aws.congnito.signin.user.admin

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Step3: create Cognito domain

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Step4: Launch the hosted UI , signup and sign in to get the id\_token and access\_token in callback url.

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Step5: Create Authorizer

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Step6: adding authorizer to the method.

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Step7: Test for Unauthorized

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Step5: after authorize(id\_token)

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