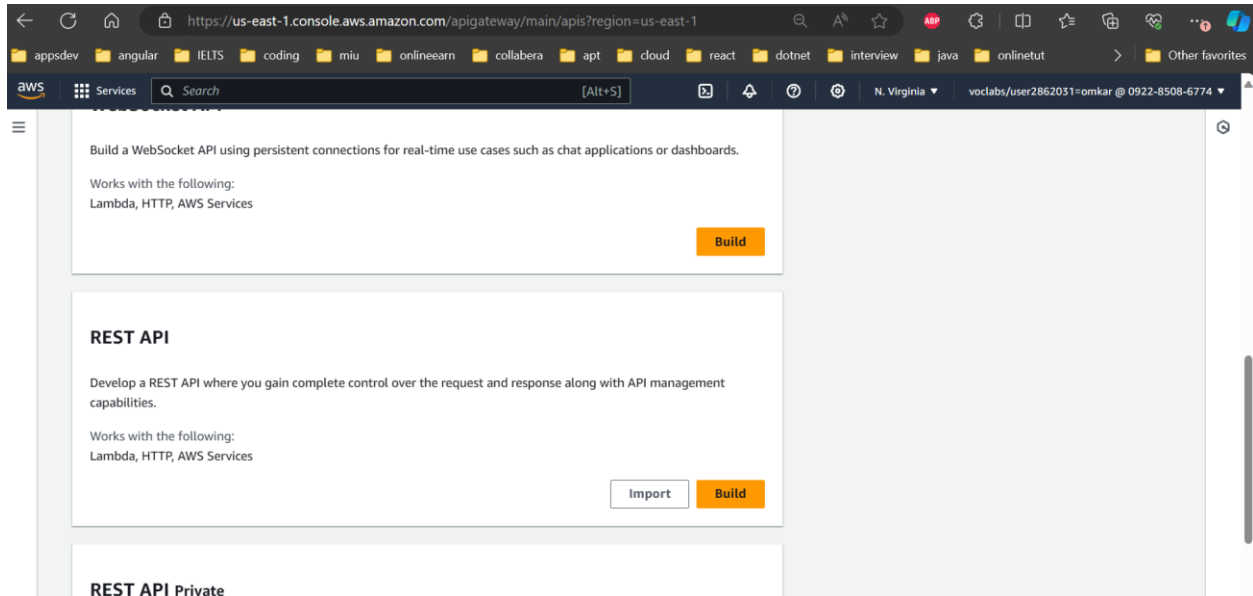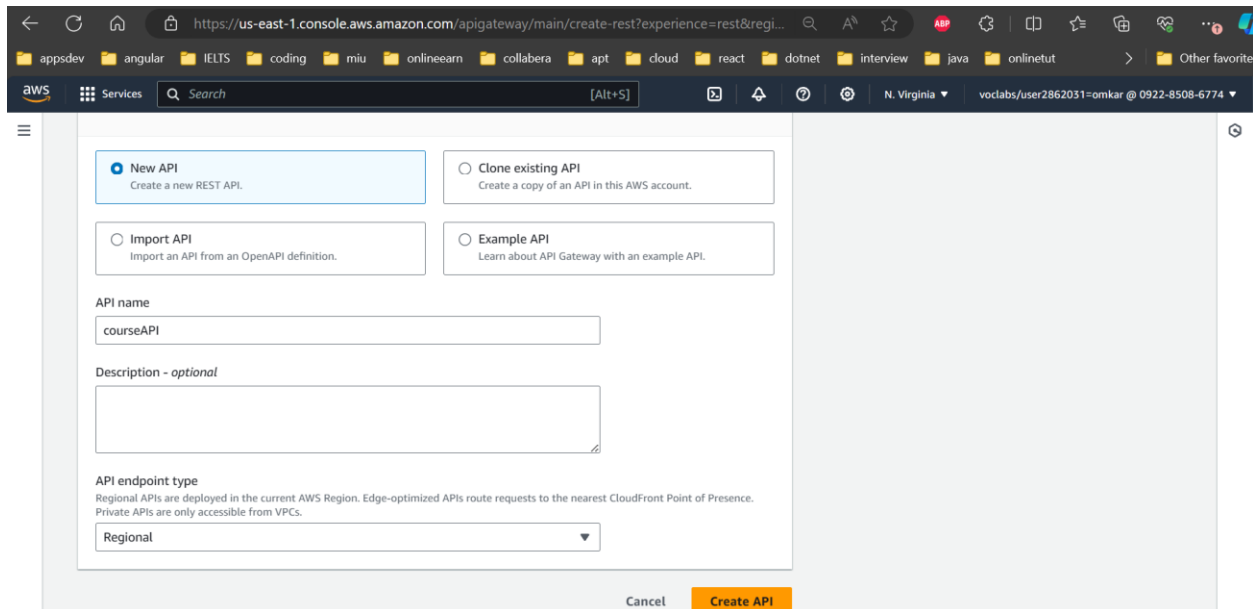# Lab 9

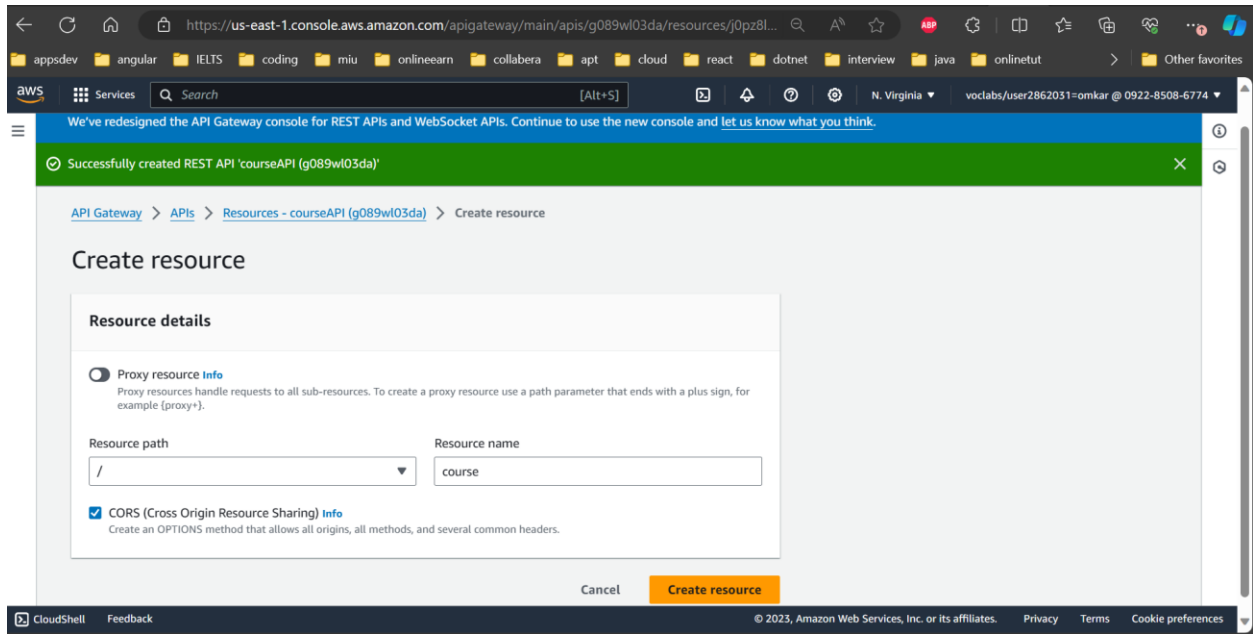**PART I – Lambda and DynamoDB [is already done in the assignment 7]**
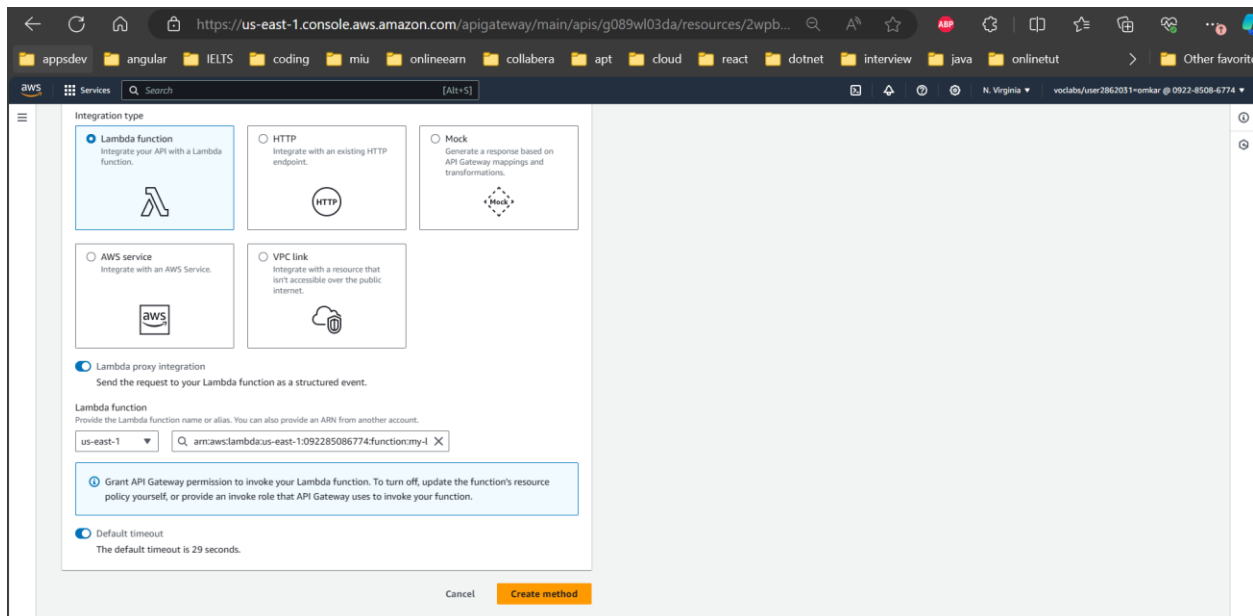
Step1: create API Gateway

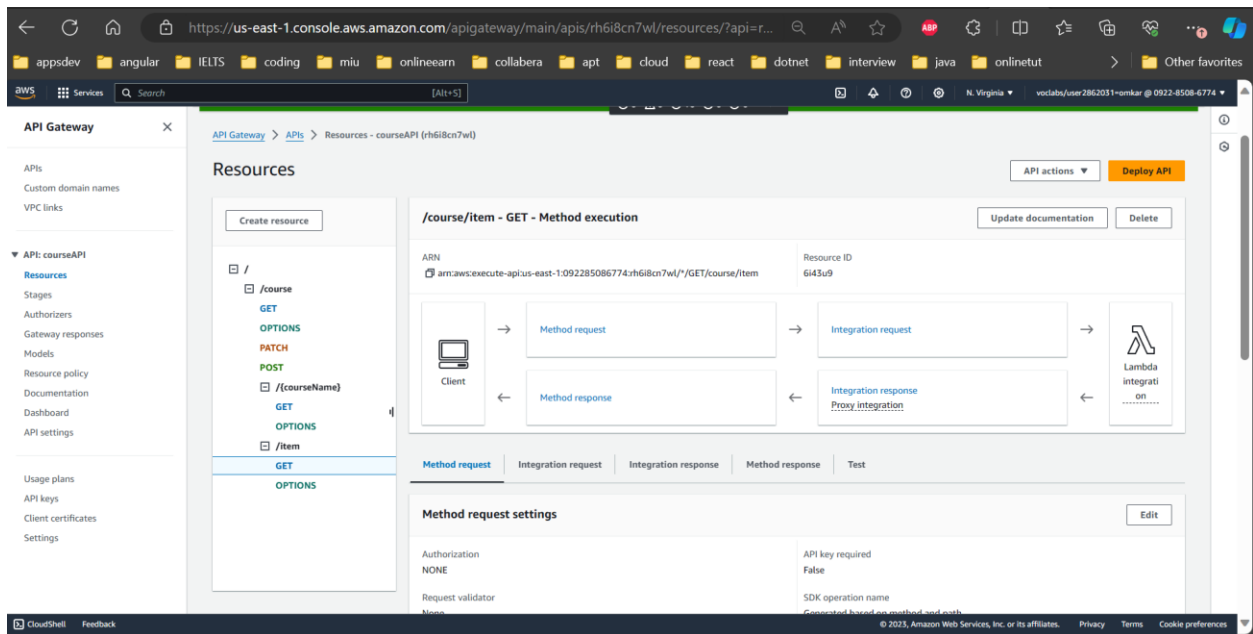Step2: create new API and provide courseApi name.
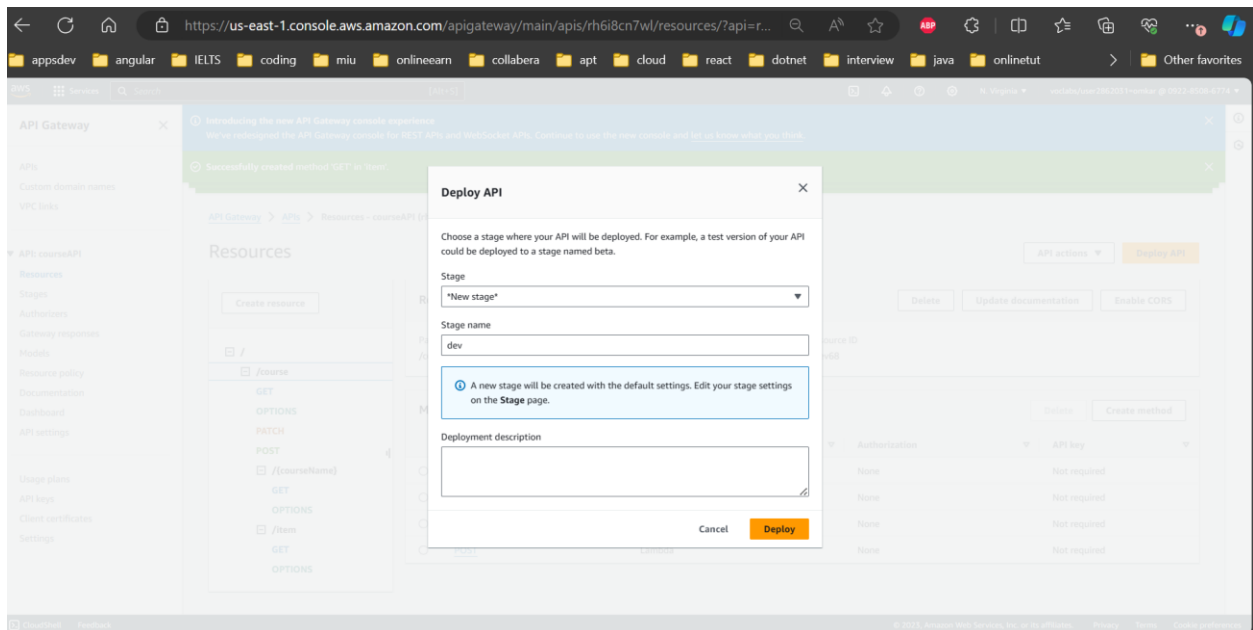

Step3: create resource.

Step4: create method.

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

Step6: create stage and deploy api.

Step7: Test with postman.

Step 7a. GET request for /course

Step 7a. GET request for /course/item

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

Step 7a. POST request for /course

PART II - API gateway and Cognito

Step1: create User pool
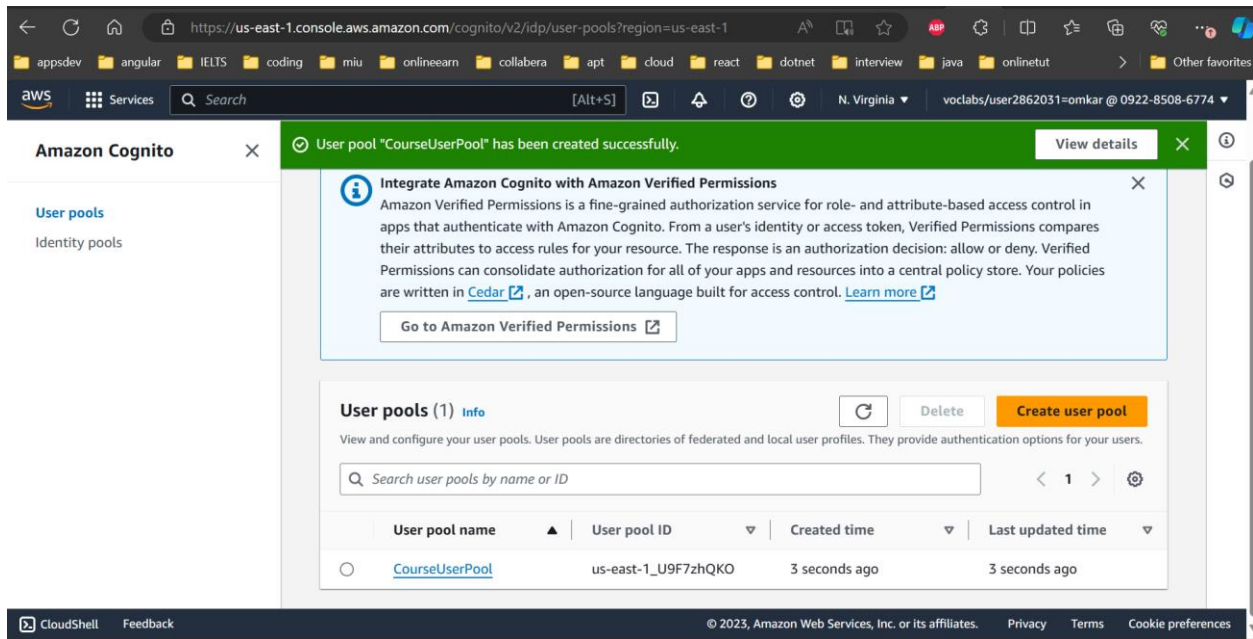
Step2: Configure the Hosted UI, select the implicit grant on auth type and openId and aws.congnito.signin.user.admin
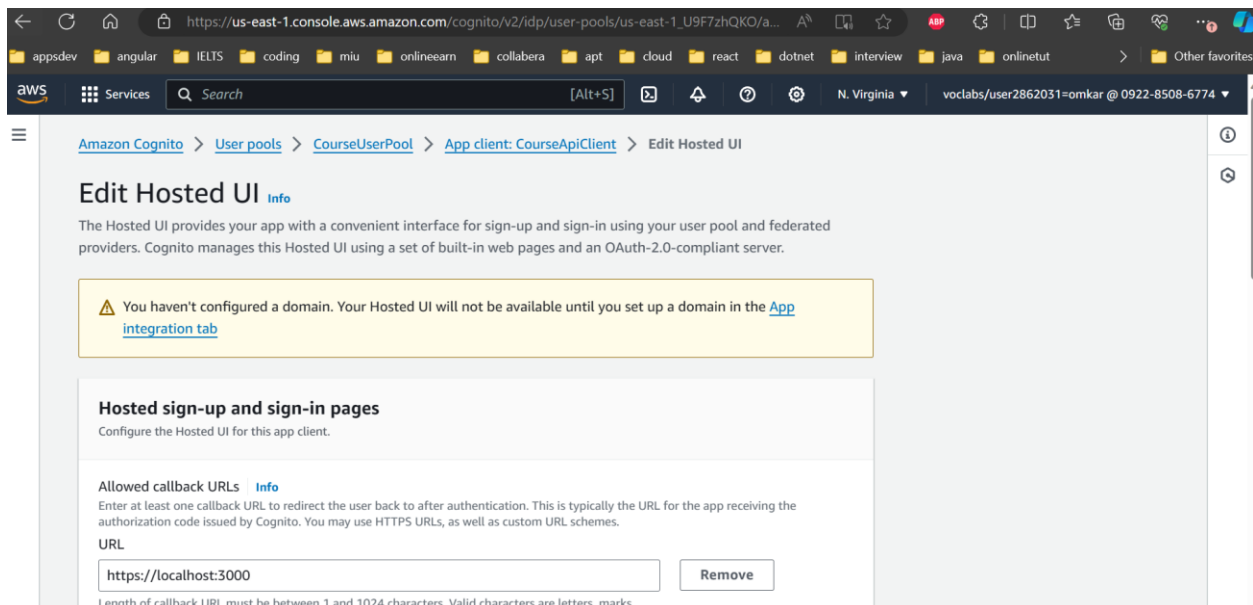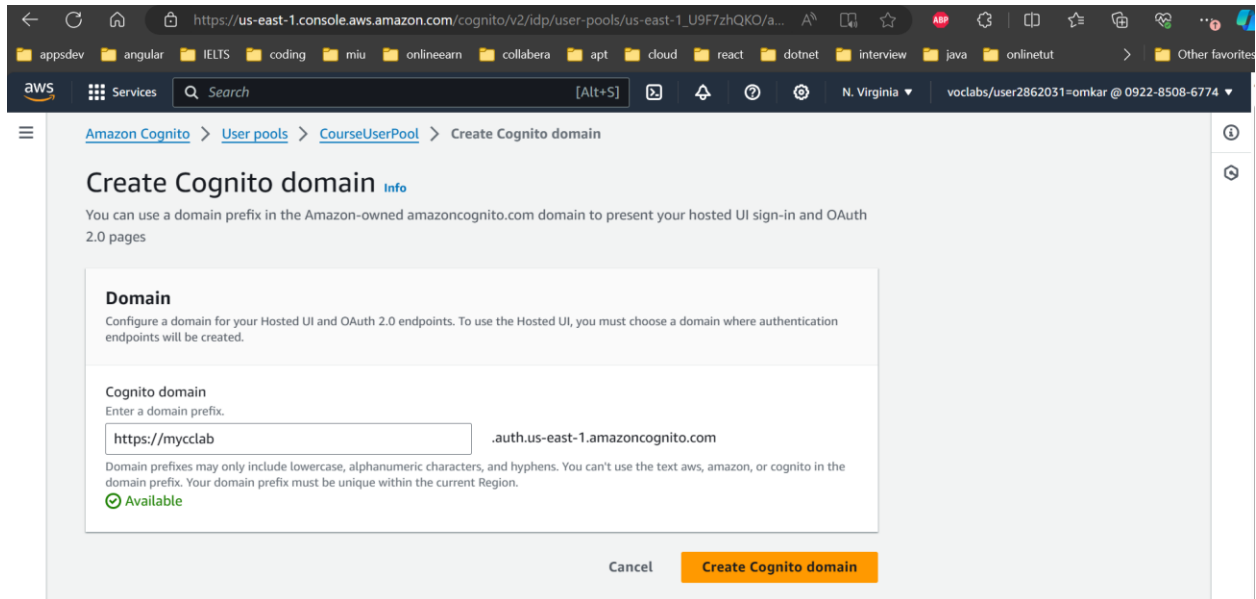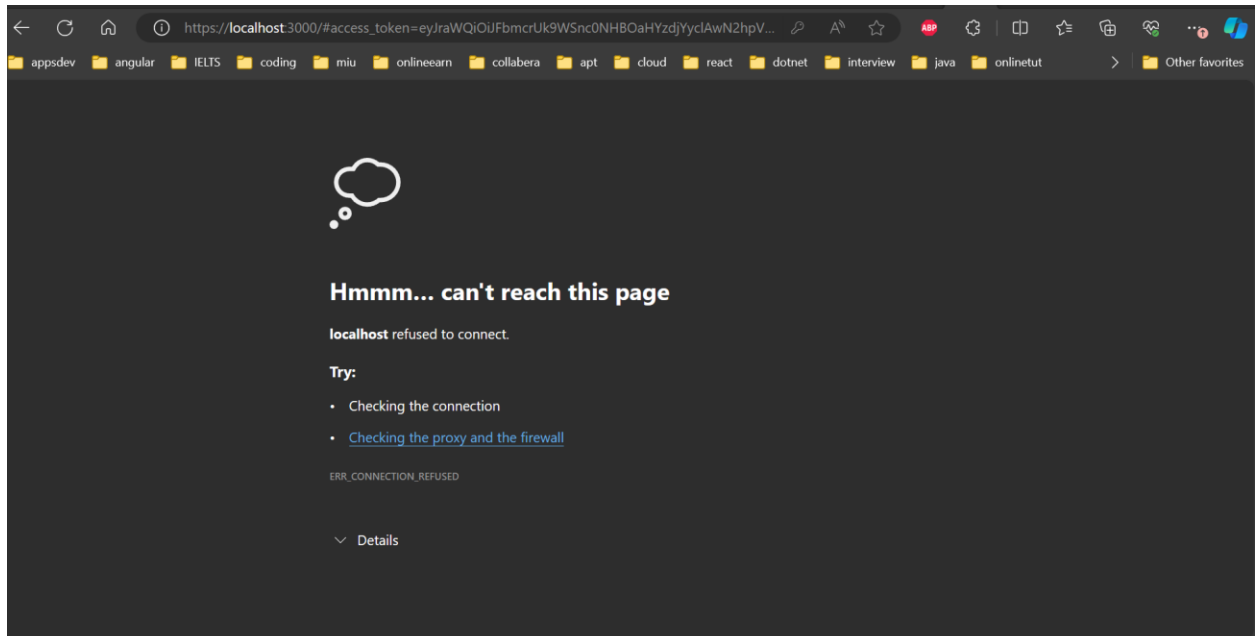

Step3: create Cognito domain

Step4: Launch the hosted UI , signup and sign in to get the id_token and access_token in callback url.

Step5: Create Authorizer

Step6: adding authorizer to the method.

Step7: Test for Unauthorized
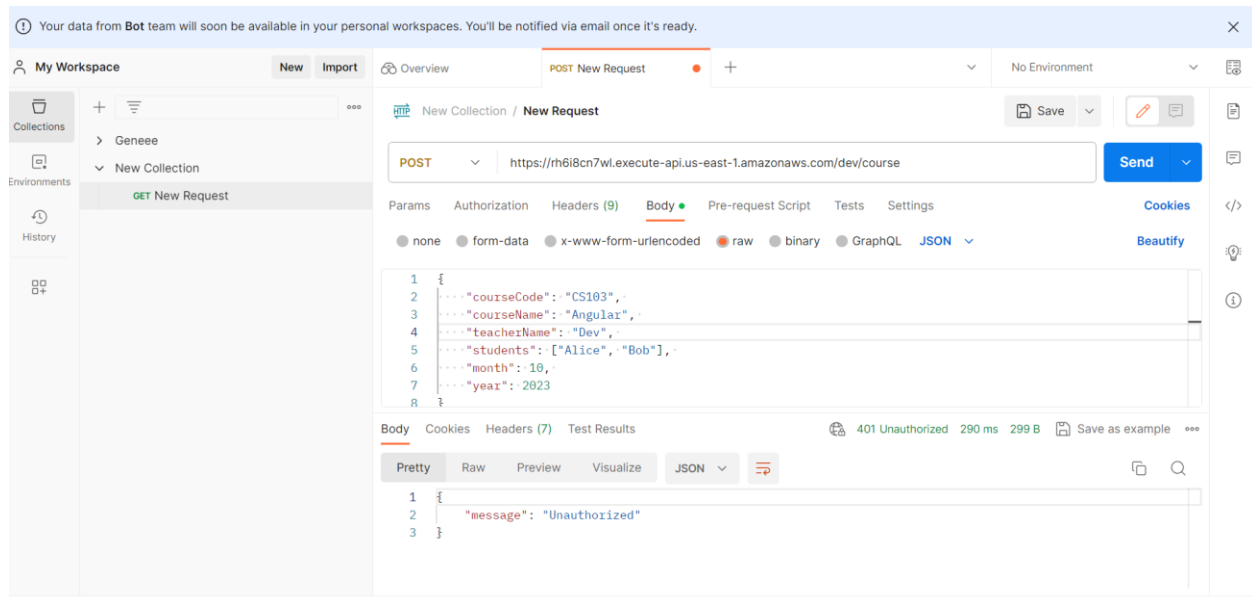
Step5: after authorize(id_token)