Using a Spring Boot 3 Maven based project create four REST API endpoints secured using the AWS Cognito IDP.

1. <your path choice>/unauthenticated

This endpoint should require no authentication and return the following attributes:

Attribute	Value
message	Free for all to see

2. <your path choice>/authenticated

This endpoint should require authentication and return the following attributes:

Attribute	Value
message	Free for all to see
name	<given_name> <family_name>
grantedAuthorities	<List of Granted Authorities>
Scopes	<List of Cognito Scopes>

3. <your path choice>/vendor-only

This endpoint should require the user to be a member of the "VENDOR" group and return the following attributes:

Attribute	Value
message	"You're a vendor now!"
name	<given_name> <family_name>
grantedAuthorities	<List of Granted Authorities>
Scopes	<List of Cognito Scopes>

4. <your path choice>/vendor-vid-only

This endpoint should require the user to be a member of the "VENDOR" group and also have a VID of "2cc40d4d-36c7-4c60-b15c-761dded8abb5". This endpoint should return the following attributes

Attribute	Value
message	"Looks like you're a specific vendor!"
vid	<VID>
name	<given_name> <family_name>
grantedAuthorities	<List of Granted Authorities>
Scopes	<List of Cognito Scopes>

Feel free to design the API paths however you feel best as long as the end matches the above. The code should be shared via a GitHub repo, please ensure no credentials or Cognito settings are included in the code commit.

Here are the relevant settings, your user already is a member of the VENDOR group and has the VID attribute assigned.

Login Settings

Given Name	
Family Name	
Email	
Password:	

Cognito Settings

User Pool ID	
Region	
Client ID	
Allowed call back URL	http://localhost:9994
Allowed sign-out URL	http://localhost:9994
OAuth grant types	**Authorization code grant**
OpenID Connect scopes	**email, openid, phone, profile**