**Project One**

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Department of STEM

CS 470 – Full Stack Development II

Professor George Johnson

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**Project One**

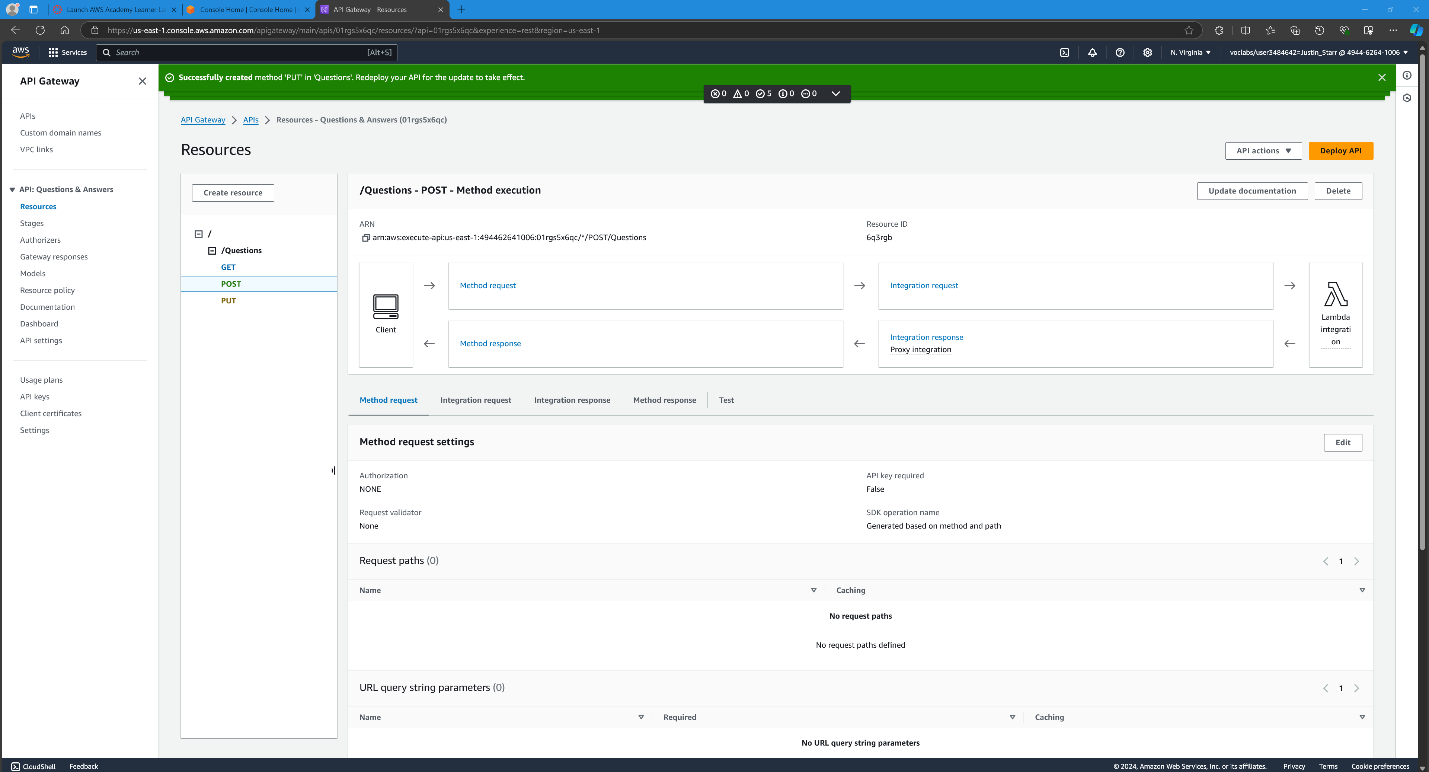
**Part One – The Questions API**

Creating the Questions resource with GET method:

A screenshot of a computer

Description automatically generated

Creating the Questions resource with POST method:

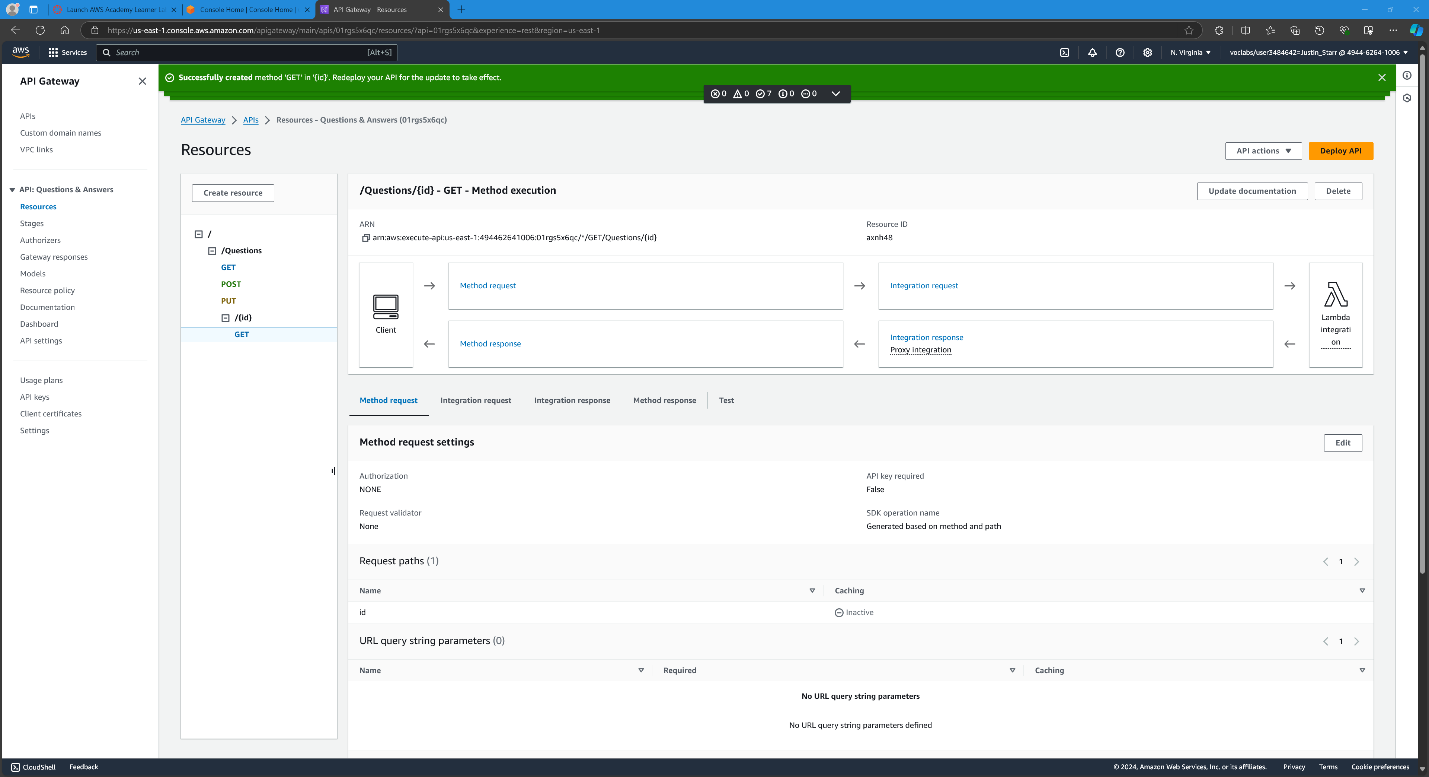


Creating the Questions resource with PUT method:

A screenshot of a computer

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Creating the Questions sub-resource /{id} GET method:



Creating the Questions sub-resource {id} DELETE method:

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Creating the Questions sub-resource {id} PUT method:

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Creating the Questions sub-resource findOne GET method:

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**Part Two – The Answers API**

Creating the Answers resource:

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Creating the Answers resource GET method:

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Creating the Answers resource POST method:

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Creating the Answers resource PUT method:

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Description automatically generated

Creating the Answers sub-resource {id}:

A screenshot of a computer

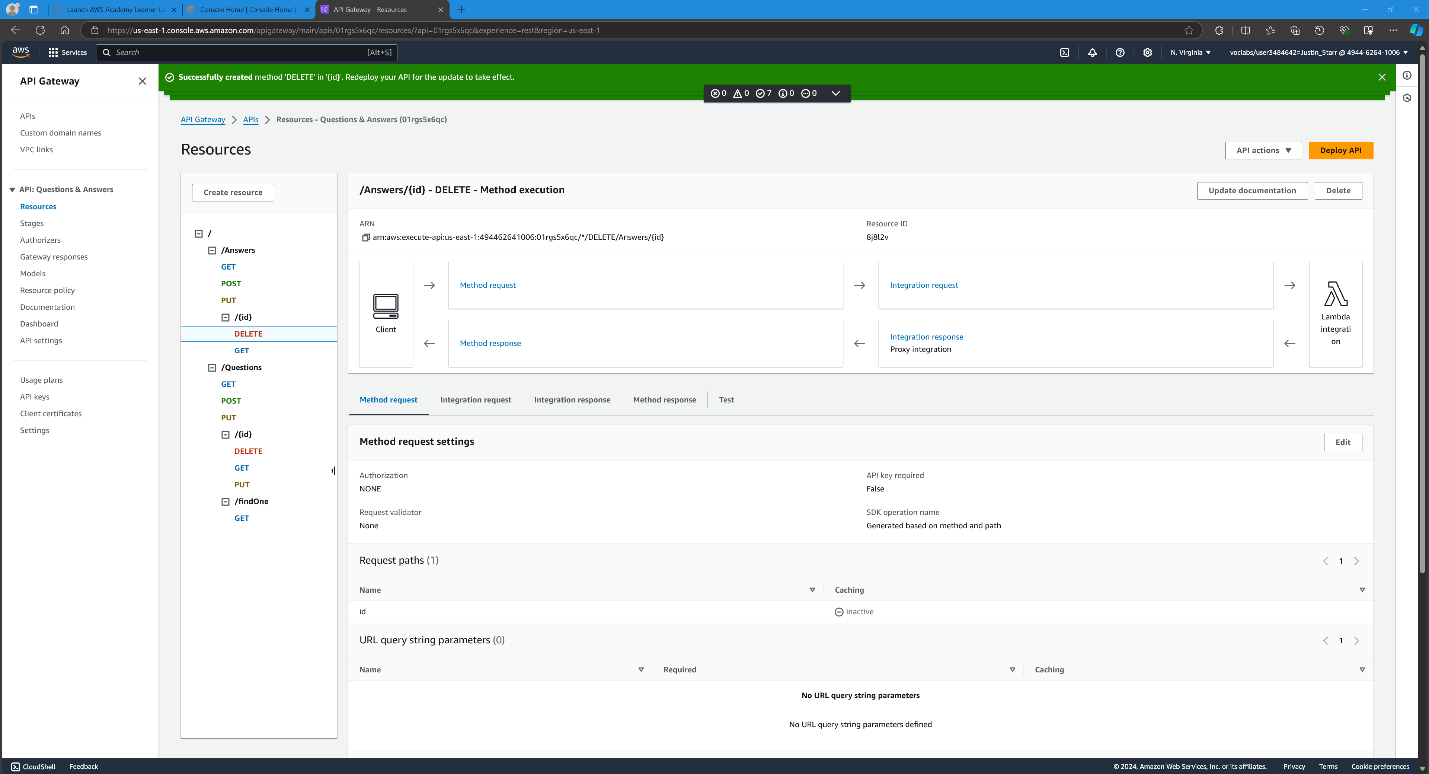
Description automatically generated

Creating the Answers sub-resource {id} GET method:

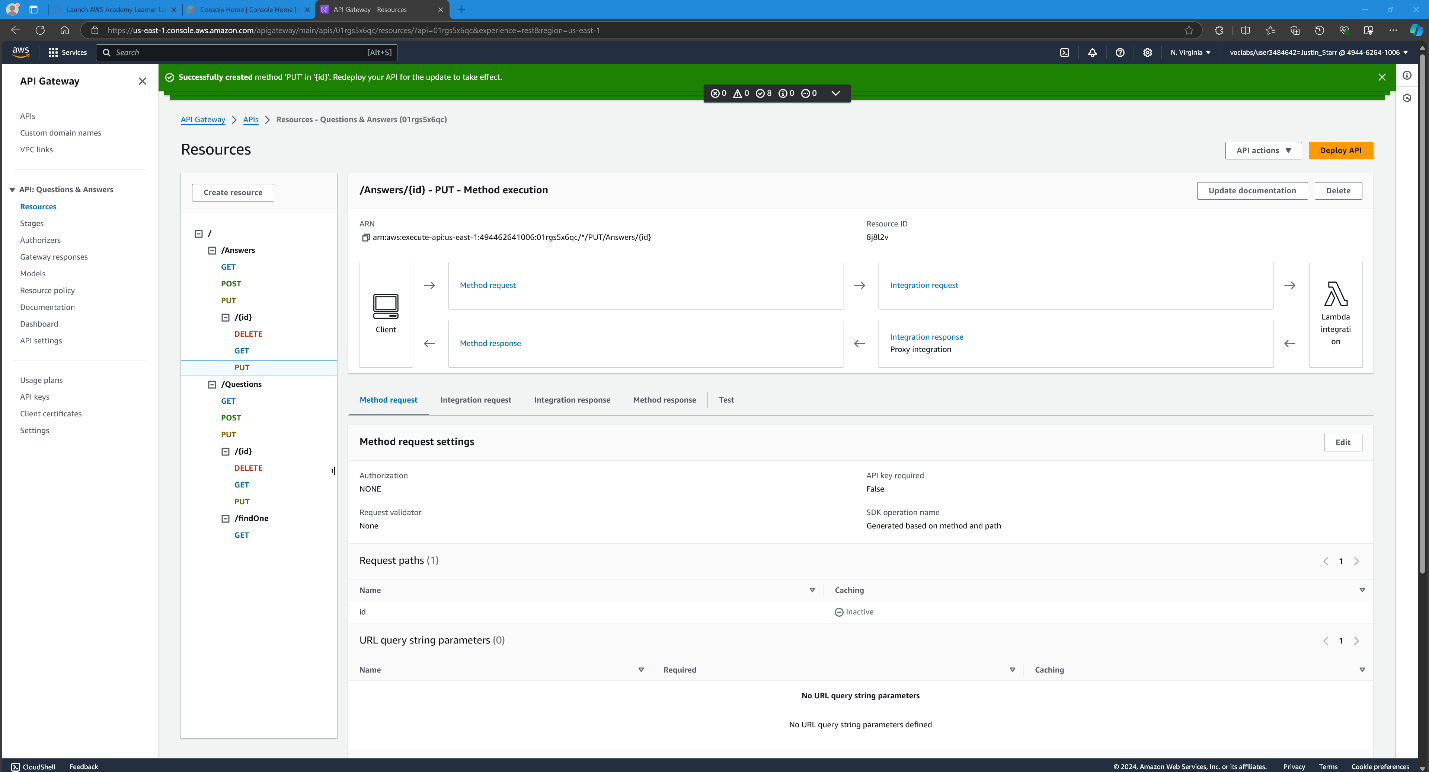
A screenshot of a computer

Description automatically generated

Creating the Answers sub-resource {id} DELETE method:



Creating the Answers sub-resource {id} PUT method:



**Part Three – Supporting CORS (Cross-Origin Resource Sharing)**

Creating Questions resource OPTIONS method:

A screenshot of a computer

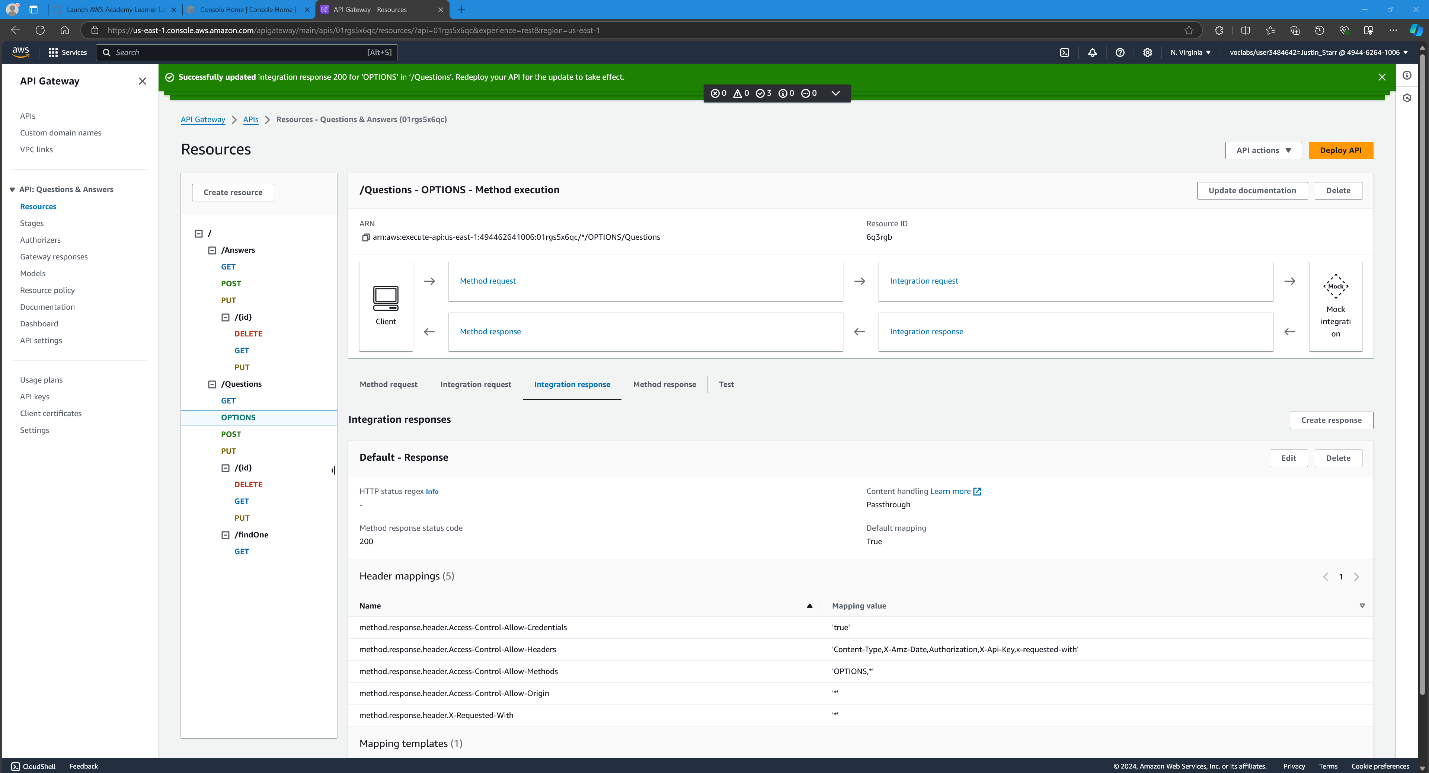
Description automatically generated

Creating Questions resource OPTIONS method response headers:

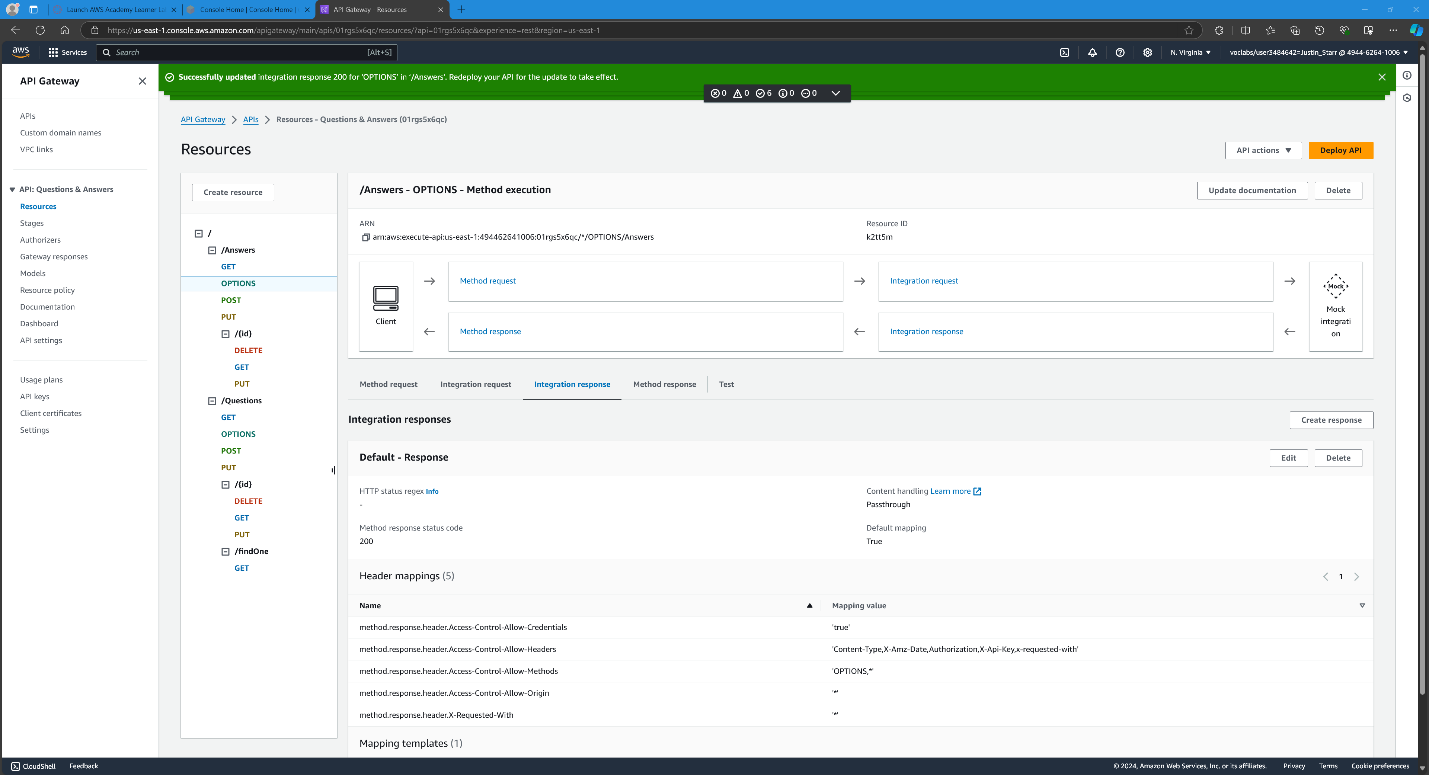
A screenshot of a computer

Description automatically generated

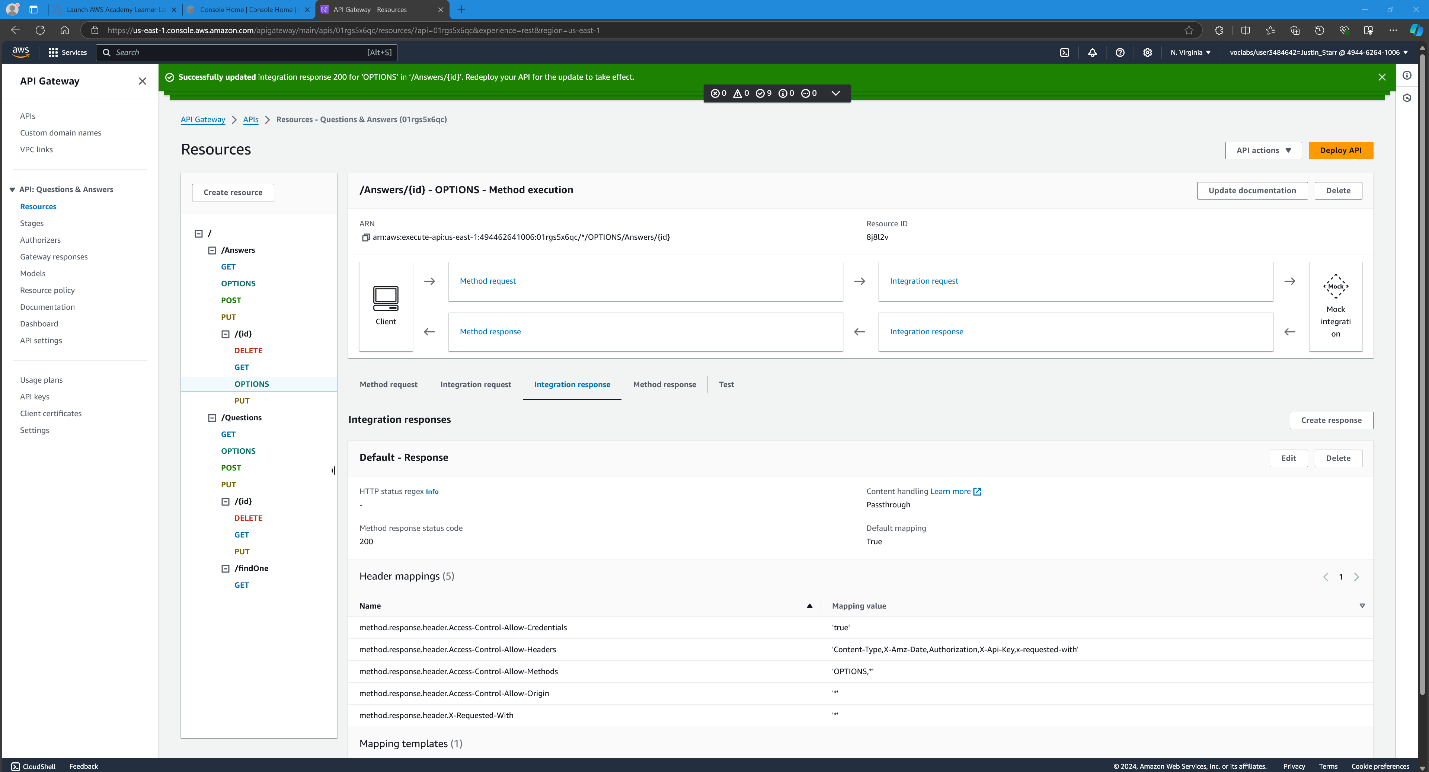
Assigning values to header responses for Questions resource:



Created Answers resource OPTIONS method with response headers:



Created Answers sub-resource {id} OPTIONS method with response headers:



Created Questions sub-resource {id] OPTIONS method with response headers:

A screenshot of a computer

Description automatically generated

Created Questions sub-resource findOne OPTIONS method with response headers:

A screenshot of a computer

Description automatically generated

**Part Four – Deployment**

Deployment of the api stage named api:

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Screenshot showing API Questions endpoint:

A screenshot of a computer program

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Screenshot showing API Answers endpoint:

A screenshot of a computer program

Description automatically generated

**Part Five – Modifying the Angular Application**

Modifying the main.ts file for lafs-web application:

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Modifying the environment.prod.ts file for the lafs-web application:

A screenshot of a computer screen

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Re-building the lafs-web application:

A screenshot of a computer screen

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Uploading files to my S3 bucket:

A screenshot of a computer

Description automatically generated

**Part Six – Testing the Application**

Angular application running on the front end:

A screenshot of a computer

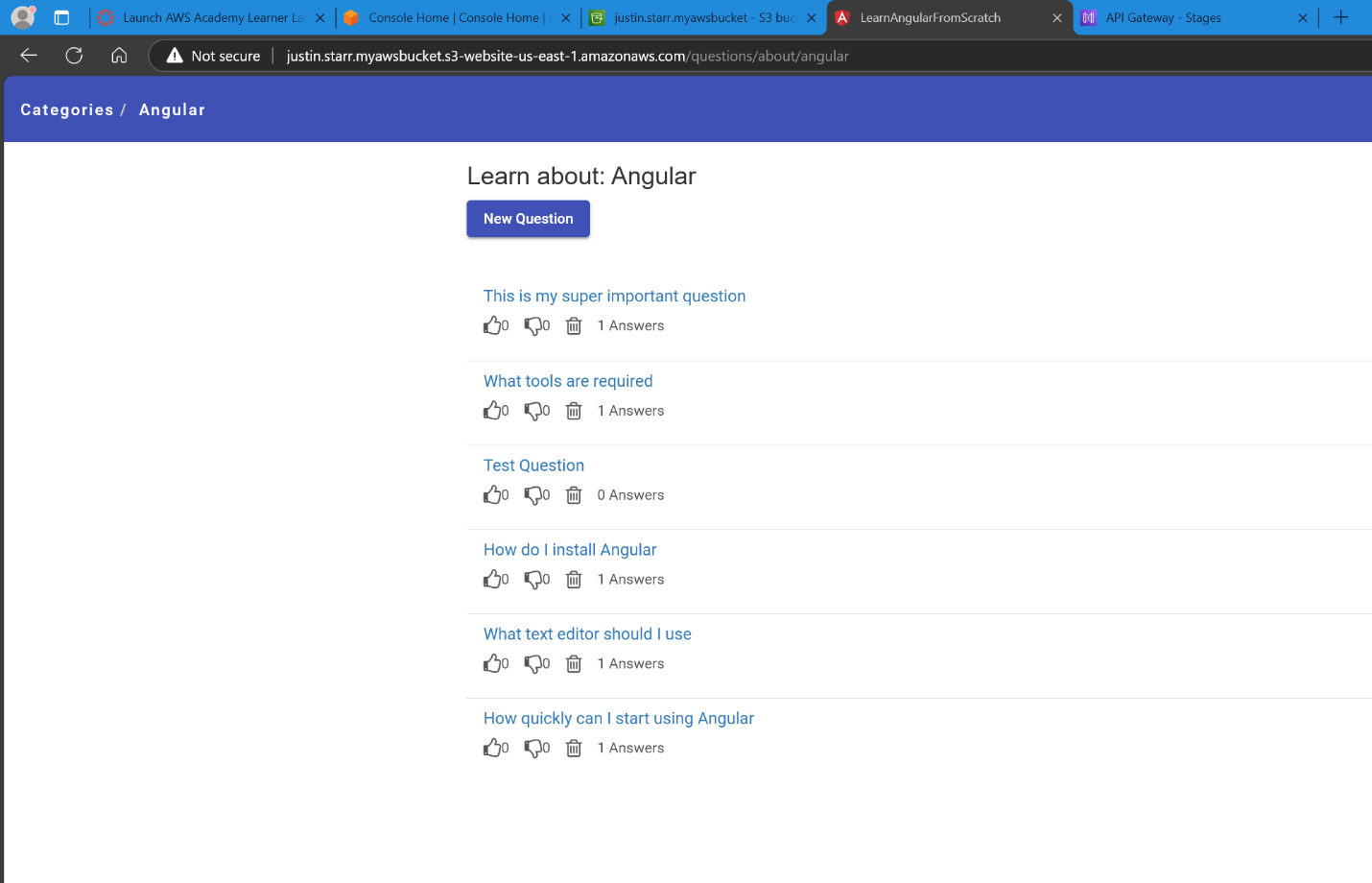
Description automatically generated

Adding a test question on the front end:

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Description automatically generated

Angular front end showing the newly added test question:



Making an answer for the newly created test question:

A screenshot of a computer

Description automatically generated

Test question showing one new answer:

A screenshot of a computer

Description automatically generated

Editing the newly created test question answer:

A screenshot of a computer

Description automatically generated

Test question answer edited:

A screenshot of a computer

Description automatically generated

API URL / Endpoint: backend of the project running:

<https://01rgs5x6qc.execute-api.us-east-1.amazonaws.com/api>

<https://01rgs5x6qc.execute-api.us-east-1.amazonaws.com/api/Questions>

<https://01rgs5x6qc.execute-api.us-east-1.amazonaws.com/api/Answers>

S3 URL / Endpoint: Frontend of the project hosted on S3:

<http://justin.starr.myawsbucket.s3-website-us-east-1.amazonaws.com/>