

Team 5:

Alain M. Nitunga

Léo Calvo Castaño

Farouk Ait Oujkal

Jamal Assou

Elie Kheirallah

October 22nd, 2024



SmartHome

Sprint 1: Azure Function, HTTP Trigger, MongoDB

Step1: Added new Azure Function: SmartHomeApp and HTTP trigger function

Resources

Recent

Favorite

Name	Type
 SmartHomeApp	Function App
 web-app-t5-dev	App Service
 rs-helb-team5	Resource group
 app-plan-t5-dev	App Service plan

See all



SmartHomeApp

Function App

Search

- Browse
 Refresh
 Stop
 Restart
 Swap
 Get publish profile
 Reset publish profile
 Download app content
 Delete
 Send us your feedback

 Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)
- Better Together (preview)
- Functions
 - App keys
 - App files
 - Proxies
- Deployment
- Settings
- Performance
- App Service plan
- Development Tools
- API
- Monitoring
- Automation
- Support + troubleshooting

^ Essentials

[JSON View](#)

Resource group (move)	: rs-helb-team5	Default domain	: smarhomeapp.azurewebsites.net
Status	: Running	Operating System	: Windows
Location (move)	: West Europe	App Service Plan	: ASP-rshelbteam5-891a (Y1: 0)
Subscription (move)	: Microsoft Azure	Runtime version	: 4.36.0.23246
Subscription ID	: e7c7ec94-2d1c-4399-aae0-65b42a0bd4b4		
Tags (edit)	: Add tags		

Functions

Metrics

Properties

Notifications (0)

 Set up local environment   Refresh

Filter by name...

Name	Trigger	Status	Monitor
Function1	HTTP	✔ Enabled	Invocations and more



Permission issue?

Code + Test

Integration

Function Keys

Invocations

Logs

Metrics



Save



Discard



Refresh



Test/Run



Get function URL



Disable



Delete



Upload



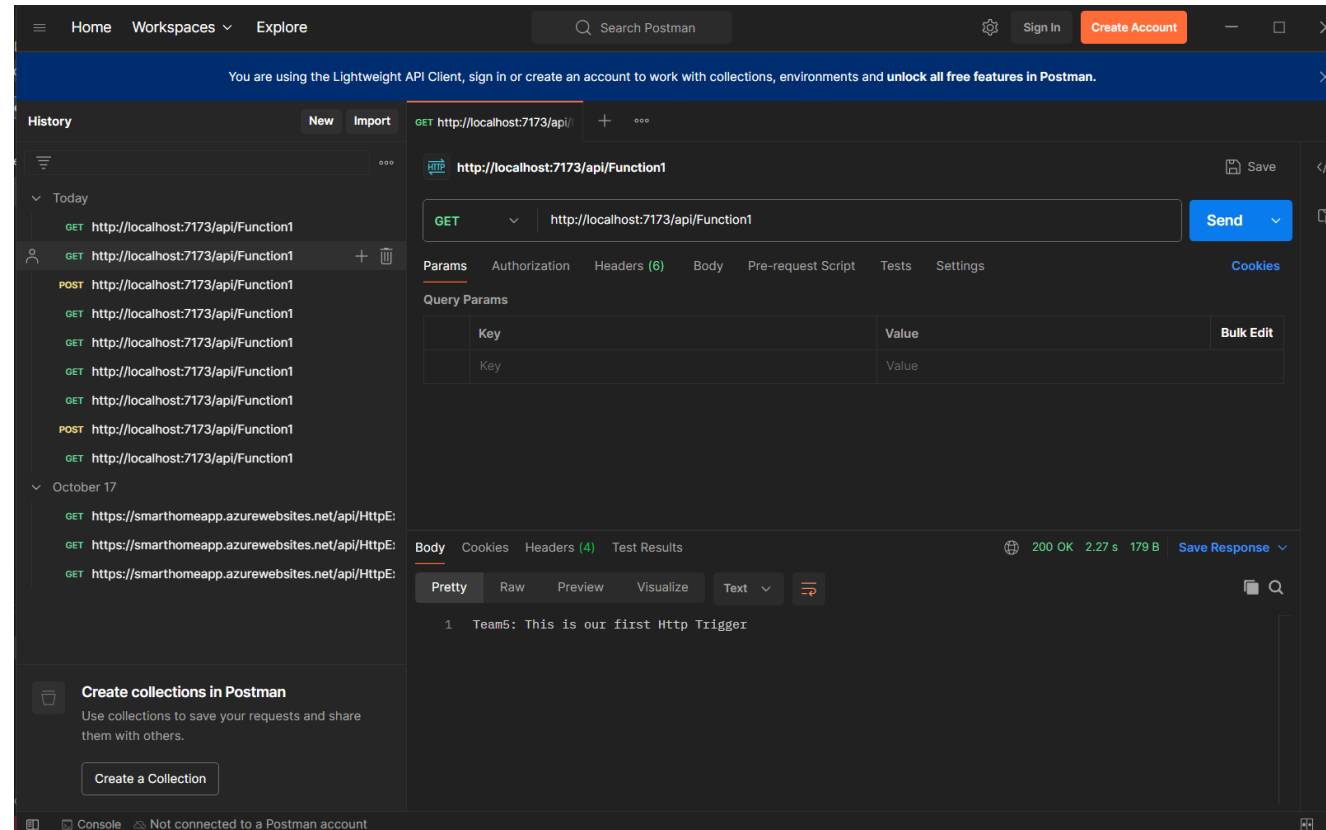
Resource JSON



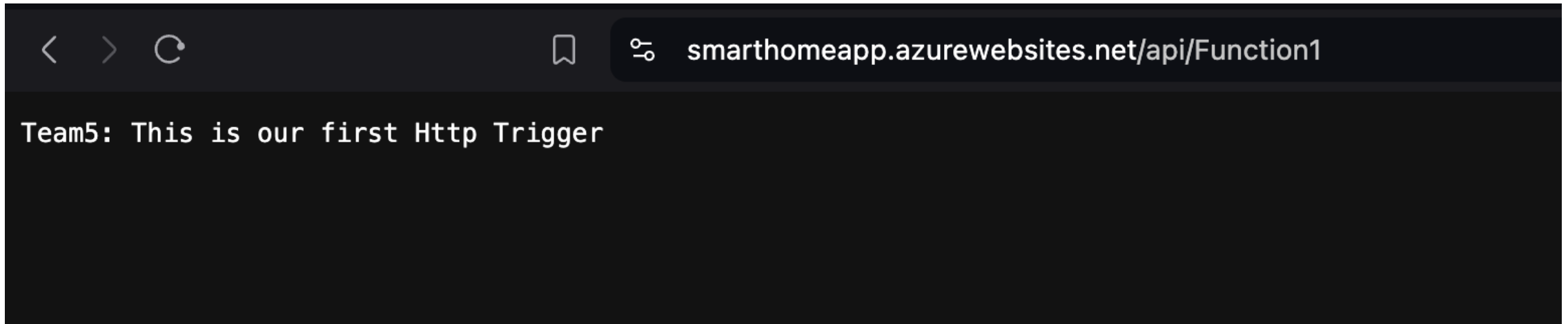
Editing .NET isolated Function Apps is not supported in the Azure portal. Use your local development environment to edit this Function App.

SmartHomeApp / host.json

Step 2: Testing a simple HTTP Get request with Postman



Test the function on the server



Step 3: Modify the function to take in Get parameters

Retrieving parameters -> HttpRequest

Checking if Parameter Exists

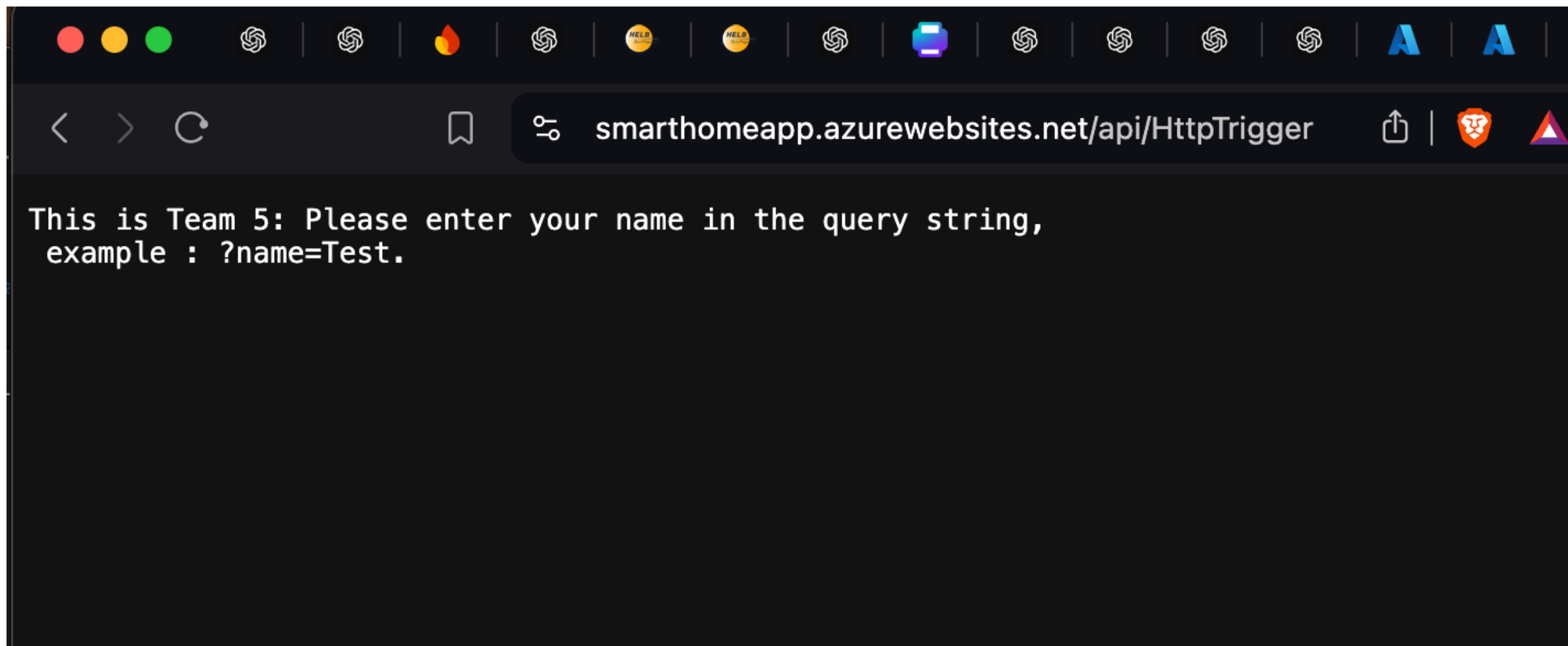
Response Based on the Parameter

Step 3: Modify the function to take in Get parameters

Retrieving parameters -> **HttpRequest**

Checking if Parameter Exists

Response Based on the Parameter

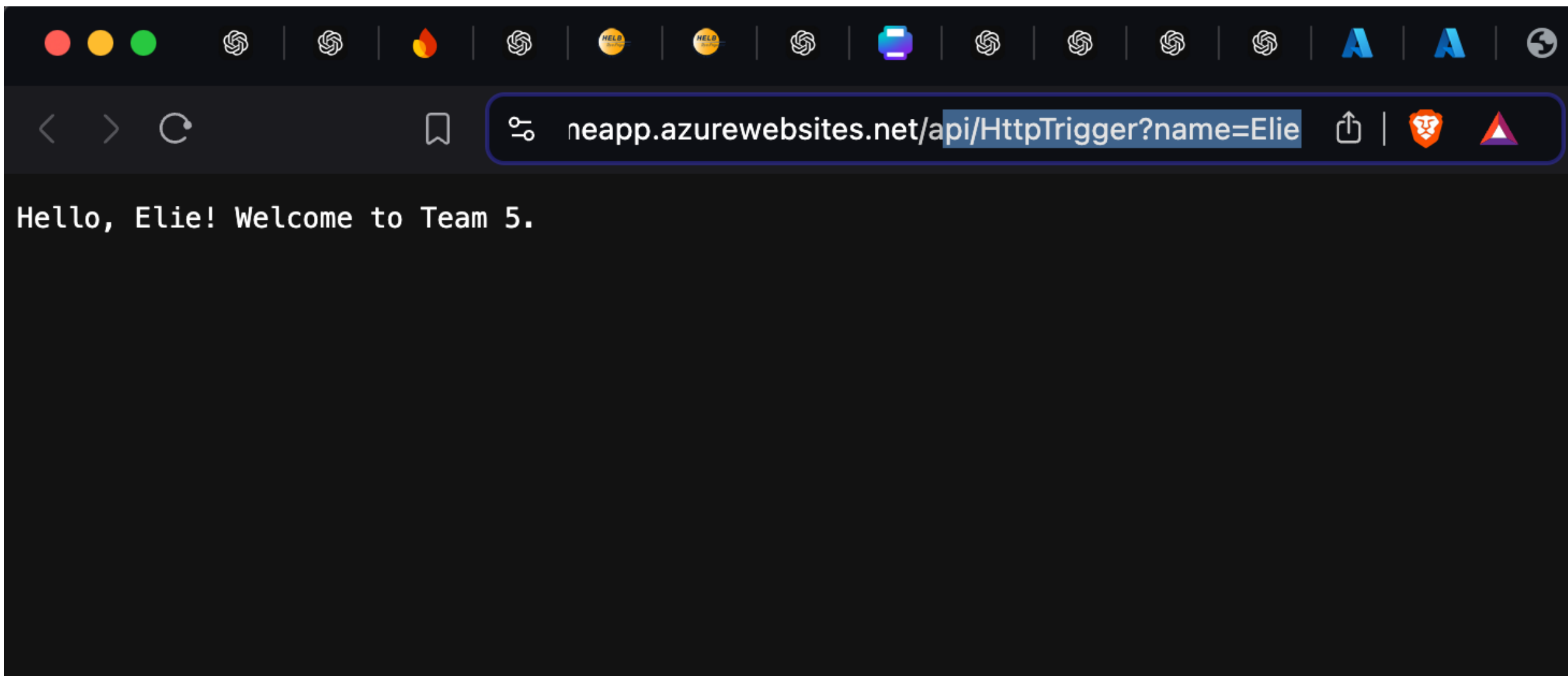


Step 3: Modify the function to take in Get parameters




Retrieving parameters -> **HttpRequest**




Checking if Parameter Exists

Response Based on the Parameter




MongoDB

 **HELB**  Access Manager  Billing

All Clusters  Get Help  Jamal 

ORGANIZATION

Projects

Alerts 

Activity Feed

Settings


Access Manager




Billing

Support

HELB

Projects

Find a project... 

Project Name	Clusters	Tags 	Users	Teams	Alerts	Actions
SmartHome	1 Cluster	+ Add Tags	5 Users	0 Teams	0 Alerts	 

Cluster

HELB > SMARTHOME

Overview

Clusters

Create cluster



SmartHome

Connect

Edit configuration



Add data



Migrate data



Load sample data



Data modeling templates



+ Add Tag

Questions

