README.md file has the URI endpoints explained.

**SmartRoute API Service**

**Overview**

This API provides endpoints to create, retrieve, update, and delete trips and their respective route steps using data from the Google Directions API. Deployed on Azure.

**Base URL**

https://smartrouteapiservice.azurewebsites.net/

**Endpoints**

**1. Get all trips**

**Request**

GET /api/trips

**Sample**

curl https://smartrouteapiservice.azurewebsites.net/api/trips

**2. Get trip by code**

**Request**

GET /api/trips/code/{code}

**Example**

curl https://smartrouteapiservice.azurewebsites.net/api/trips/code/002147

**3. Create a trip**

**Request**

POST /api/trips

Content-Type: application/json

**Body**

{

"locations": ["Rome, Italy", "Paris, France", "Moscow, Russia"],

"name": "European Tour"

}

**Example**

curl -X POST https://smartrouteapiservice.azurewebsites.net/api/trips \

-H "Content-Type: application/json" \

-d '{ "locations": ["Rome, Italy", "Paris, France"], "name": "Weekend Getaway" }'

**4. Update a trip**

**Request**

PUT /api/trips/code/{code}

Content-Type: application/json

**Body**

{

"locations": ["London, UK", "Edinburgh, UK"],

"name": "UK Highlands"

}

**Example**

curl -X PUT https://smartrouteapiservice.azurewebsites.net/api/trips/code/002147 \

-H "Content-Type: application/json" \

-d '{ "locations": ["London, UK", "Edinburgh, UK"], "name": "UK Highlands" }'

**5. Delete a trip**

**Request**

DELETE /api/trips/code/{code}

**Example**

curl -X DELETE https://smartrouteapiservice.azurewebsites.net/api/trips/code/002147

If deleted, example requests to this trip code will no longer work.

**6. Get all trip steps**

**Request**

GET /api/tripsteps

**Example**

curl https://smartrouteapiservice.azurewebsites.net/api/tripsteps

**7. Get trip steps by code**

**Request**

GET /api/tripsteps/code/{code}

**Example**

curl https://smartrouteapiservice.azurewebsites.net/api/tripsteps/code/002147