Assignment 3

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Routing Table

Name	HTTP Method	Endpoint	Purpose
Angular Routing			
Landing Page		""	Renders an HTML file that shows the home page with router links to all
Invalid		invalid	Invalid data component page
Page not found		**	Any invalid routes will show the page not found
Angular Routing Person 1			
Add Category		33085625/category/add	Adding for the category
Delete category		33085625/category/delete	Deleting for the category
List Category		33085625/category/list	Listing all the categories
Display a Category		33085625/category/display	Displaying a singular Category
Update a category		33085625/category/update	Updating a Category
Category Statistics		33085625/category/stats	Displaying category and event count
Text-to-Speech		33085625/category/textspeech	Text-to-Speech takes English input and convert it to speech with an output.mp3 file
Angular Routing Person 2			
Add Event		euan/event/add	Allows for form submission sending to api to add to the db events
Delete Event		euan/event/delete	Deleting page. Typing event id to delete
List Events		euan/event/list	Listing all the events in a tabular format
Update Event		euan/event/update	Allows for updating a selected event's name and capacity
Event Detail		euan/event/detail/:id	Display a singular event given the id, and all its details
Translator		euan/event/translator	Translator of the task 2 individual, allows for text translation into one of 3 languages

Statistics		euan/event/statistics	Displays the number of add, updates and deletes

API Person 1

Insert New Category	POST	/api/v1/category/330856 25	Add a new category. The new category data is sent through the body of the request in a JSON format. The endpoint responds with the new category ID
List All Category	GET	/api/v1/category/330856 25	Return the list of all categories and the details for their events in a JSON format.
Delete Category by ID	DELETE	/api/v1/category/330856 25	Deletes a specific category identified by the category ID. The endpoint returns a JSON object containing the number of deleted categories.
Update category name and description by ID	PUT	/api/v1/category/330856 25	Modify the specific category's name and description. New values for the new category name and description is sent through the body of the request as well as the category ID of the specific category whose name and description is to be changed. The endpoint returns an object with a message to confirm the update or if the category ID is not found.

API Person 2

Insert New Event	POST	/api/v1/event/euan	Add a new event. The new event data is sent through the body of the request in a JSON format. The endpoint responds with the new event ID
List All Events	GET	/api/v1/event/euan	Return the list of all events and the details for their categories in a JSON format.
Delete Event by ID	DELETE	/api/v1/event/euan	Deletes a specific event identified by the event ID. The endpoint returns a JSON object containing the number of deleted events.
Update event name and capacity by ID	PUT	/api/v1/event/euan	Modify the specific event's name and capacity. New values for the new event name and capacity is sent through the body of the request as well as the event ID of the specific event whose name and capacity is to be changed. The endpoint returns an object with a message to confirm the update or if the event ID is not found.

Extra Component Task

Get	GET	/api/operation	For obtaining addcount, updatecount,

operations			deletecount operation object instance

Steps to run the application

from root
cd client
npm install
ng build
cd ..
cd server
npm install
node server.js

http://localhost:5000 is the home page of the Event Management Application for this group.

Note that some …

- May need to add api credentials august-cirrus-398323-a00d1d731a28.json in client for translator to work
- May need to add api credentials pure-archive-398323-f497d1a57902.json in client for text-to-speech to work

Individual Task #1

This converts English text given by the user to speech. This is done via sockets.

External IP 34.129.16.219:5000 is used to deploy the assignment onto a virtual machine on a GCP account.

Individual Task #2

This allowed languages to be translated into French, German and Chinese. This is done via sockets.

External IP 34.129.81.76:5000 is used to deploy the assignment onto a virtual machine on a GCP account.

Unsolved Bugs and Issues

Text-to-Speech page needs to be refreshed for the audio to be allowed to be played.