Quarter Kings

# Concept

Quarter Kings is an API that keeps track of your websites High Scores, here is how it works:

## Login

Create an account or sign in.

## Get an API-Key

Create an API-key and assign it to your domain.

## GET, POST, PUT and DELETE your client’s High-Scores.

Using the API-key attached to your domain-name, you can make API calls from your domain, featured [here](https://www.johnnyscott.ca/COMP4537/labs/ISATermProject/swagger/index.html) under the developer heading.

IMPORTANT: For now, the functionality to make calls from any domain but the client is disabled. The assignment has strict marking requirements, and we want to adhere to them. We will enable full functionality once we are through the semester. Also we didn’t have time. :p

# Database ERD

Diagram

Description automatically generated

# LINKS:

## Client

API: <https://www.johnnyscott.ca/COMP4537/labs/ISATermProject/swagger/index.html>

Client: <https://www.johnnyscott.ca/COMP4537/labs/ISATermProject/client/login.html>

Admin.html: <https://www.johnnyscott.ca/COMP4537/labs/ISATermProject/client/admin.html>

GitHub: <https://github.com/Sean-Green/ISATermProject/tree/dev>

# TESTS

SIGNUP

http://sean-green-cst.com/quarterKings/v1/signup

POST

{

name : "test@testmail.com",

password : "pass1256",

}

LOGIN

http://sean-green-cst.com/quarterKings/v1/login

POST

{

name : "test@testmail.com",

password : "pass1256",

}

GENERATE API KEY

http://sean-green-cst.com/quarterKings/v1/generate

POST

{

name : "test@testmail.com",

password : "pass1256",

domain : "www.johnnyscott.ca/"

}

GET APIKEYS

http://sean-green-cst.com/quarterKings/v1/getKeys

POST

{

name : "test@testmail.com",

password : "pass1256",

}

GET ENDPOINT STATS

http://sean-green-cst.com/quarterKings/v1/stats

POST

{

name : "Admin",

password : "admin12345",}

CREATE SCORE

http://sean-green-cst.com/quarterKings/v1/score";

POST

{

apiKey : 'hoeecvw2qg3fjmtf',

name : "shredder",

score : 812318,

}

GET SCORES

http://sean-green-cst.com/quarterKings/v1/getScores?api=

GET

Provide an apiKey at the end of the query

DELETE ALL SCORES ATTACHED TO KEY

http://sean-green-cst.com/quarterKings/v1/deleteAll

DELETE

{

apiKey : 'qtfshj14cdiyxzpk',

}

DELETE SPECIFIC SCORE BY ID

http://sean-green-cst.com/quarterKings/v1/deleteScore

DELETE

{

apiKey : 'qtfshj14cdiyxzpk',

id : 35,

}

DELETE API KEY AND ALL ATTACHED SCORES

http://sean-green-cst.com/quarterKings/v1/deleteApiKey

DELETE

{

apiKey : '6b68hazh4c38jzm3',

name : "test@testmail.com",

password : "pass1256",

}

UPDATE DOMAIN ATTACHED TO API

http://sean-green-cst.com/quarterKings/v1/updateDomain

PUT

{

apiKey : 'hoeecvw2qg3fjmtf',

name : "test@testmail.com",

password : "pass1256",

domain : "mydomain.com"

}

UPDATE SCORE

http://sean-green-cst.com/quarterKings/v1/updateScore

PUT

{

apiKey : 'hoeecvw2qg3fjmtf',

id : 44,

score : 6666,

}