API Documentation

Assessment webs5

Wouter van Geel
Gijsbert van Corstanje

Version 1.0

avans
hogeschool

Authentication

Please send with every request an basic authentication code.
The authentication code can be acquired in javascript by using the following code:

btoa(adminUserData.local.email + ":" + adminUserData.local.password);

There are two supported user authorization groups: "user" and "admin".

```
$.ajax({
        url : [request_url],
        headers: {
                'Authorization' : 'Basic ' +[basic authentication code]
        }
});
```

Examples

Example of a jQuery Ajax call.

Default the API will give an HTML response.
Add "'Content-Type" : "application/json'" in the header to get a response in JSON.

```
$.ajax({
        url : "/venues",
        headers: {
                'Content-Type' : "application/json"
        },
        dataType: "json",
        type : "GET",
        success : function(data) {
                // Do something here
        }
});
```

Overview

Overview of all current implemented API endpoints.
Base url: https://venuerace-gw.herokuapp.com/

Method	Endpoint	Description	Auth protection
GET	/venues	Return all venues	user
POST	/venues	Add venue	admin
GET	/venues/:id	Returns venue details	user
PUT	/venues/:id	Update venue details	admin
DELETE	/venues/:id	Delete venue	admin
GET	/races	Return all races	user
POST	/races	Add race	admin
GET	/races/:name	Returns race details	user
PUT	/races/:name	Update race details	admin
DELETE	/races/:name	Delete race	admin
GET	/races/:name/venues	Returns all venues from race	user
POST	/races/:name/venues	Add venue to race	admin
DELETE	/races/:name/venues/:id	Remove venue from race	admin
GET	/races/:name/participants	Returns all participants in race	user
POST	/races/:name/participants	Add participant to race	admin
GET	/races/:name/participants/:userId	Returns participant details and visited venues	user
PUT	/races/:name/participants/:userId	Update participant details	admin
DELETE	/races/:name/participants/:userId	Remove participant from race	admin

General responses

Response Code	Return value
200 - OK	n/a
400 - BAD REQUEST	```{ Message: "Missing Required Fields" }```
401 - UNAUTHORIZED	```{ error: "no valid authorization key" }```
404 - NOT FOUND	```{ Message: "Not Found" }```

Requests

Venues

URL	/venues
Method	GET
URL Params	Limit: aantal gewenste venues Page: gewenste pagina Name: gewenste (deel)naam van venue
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	<pre>{
	  "limit": 10,
	  "page": 0,
	  "count": 10,
	  "results": [
	    {
	      "id": "642",
	      "name": "Friture Aod Naer",
	      "category": "Snackbars"
	    },
	    {
	      "id": "646",
	      "name": "Hong Kong2",
	      "category": "Chinese indian2"
	    },
	    ...
	  ]
	}</pre>

Error response	n/a

URL	/venues
Method	POST
URL Params	n/a

Data Params	```
	{
	  "name": "Example",
	  "category": "Dutch"
	}
	``

Success response	**Code:** 200 OK
	Content:
	``
	{
	  "id": "576a44e308b22c0025f47e24",
	  "name": "Example",
	  "category": "Dutch"
	}
	``

Error response	n/a

URL	/venue/:id
Method	GET
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	``
	{
	  "id": "642",
	  "name": "Friture Aod Naer",
	  "category": "Snackbars",
	  "local": false
	}
	``

Error response	**Code:** 404 NOT FOUND
	Content:
	``
	{
	  "message": "Not Found"
	}
	``

URL	/venue/:id
Method	PUT
URL Params	n/a

Data Params	```
	{
	  "name": "Example",
	  "category": "Dutch"
	}
	``

Success response	**Code:** 200 OK
	Content:
	``
	{
	  "id": "999",
	  "name": "Example",
	  "category": "Dutch",
	  "local": true
	}
	``

Error response	**Code:** 404 NOT FOUND
	Content:
	``
	{
	  "message": "Not Found"
	}
	``

URL	/venue/:id
Method	DELETE
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	``
	{
	  "status": 200,
	  "message": "':id' Successfully Deleted"
	}
	``

Error response	**Code:** 404 NOT FOUND
	Content:
	``
	{
	  "message": "Not Found"
	}
	``

Races

URL	/races
Method	GET
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	``json
	{
	  "count": 4,
	  "races": [
	    {
	      "name": "demo",
	      "status": "not_started",
	      "venues": [
	        "642"
	      ]
	    },
	    {
	      "name": "BananaRacert",
	      "status": "not_started",
	      "venues": []
	    },
	    ...
	  ]
	}
	``

Error response	n/a

URL	/races
Method	POST
URL Params	n/a
Data Params	```{ "name":"Example", "Status":"not_started" }```
Success response	**Code:** 200 OK **Content:** ```{ "name": "Example", "Status": "not_started" }```
Error response	**Code:** 400 BAD REQUEST **Content:** ```{ "status": 400, "message": "There are already 5 races." }```

URL	/races/:name
Method	GET
URL Params	n/a
Data Params	n/a
Success response	**Code:** 200 OK **Content:** ```{ "name": "testRace", "status": "not_started", "Venues": ["venue1id", "venue2id"] }```
Error response	**Code:** 404 NOT FOUND **Content:** ```{ "message": "Not Found" }```

URL	/races/:name
Method	PUT
URL Params	n/a
Data Params	```{ "name": "Example", "status": "started" }```
Success response	**Code:** 200 OK **Content:** ```{ "Id": "a2o3038n13y4a", "name": "Example", "status": "started", "__v": 4, "Participants: ["id": "02740a02943023", "_id": "286843as928a9929ff", "winner": false, "Venues" : ["313", "142"]], "Venues": ["139"] }```
Error response	**Code:** 404 NOT FOUND **Content:** ```{ "message": "Not Found" }```

URL	/races/:name
Method	DELETE
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	{
	   "message": "/:name successfully deleted"
	}

Error response	**Code:** 404 NOT FOUND
	Content:
	{
	   "message": "Not Found"
	}

URL	/races/:name/venues
Method	GET
URL Params	n/a
Data Params	n/a
Success response	**Code:** 200 OK **Content:** ["venue1id", "venue2id"]

Error response	**Code:** 404 NOT FOUND
	Content:
	{
	   "message": "Not Found"
	}

URL	/races/:name/venues
Method	POST
URL Params	n/a

Data Params	{
	  "Id": "newId"
	}

Success response	**Code:** 200 OK **Content:** ["venue1id", "venue2id", "newId"]

Error response	**Code:** 404 NOT FOUND
	Content:
	{
	  "message": "Not Found"
	}

URL	/races/:name/venues/:id
Method	DELETE
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	{
	   "message": "':id' Successfully deleted"
	}

Error response	**Code:** 404 NOT FOUND
	Content:
	{
	   "message": "Not Found"
	}

Error response	**Code:** 400 NOT FOUND
	Content:
	{
	   "message": "Race Not Found"
	}

URL	/races/:name/participants
Method	GET
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	<pre>[
	  {
	    "id": "5766047fb52c616831090325",
	    "name": "Robert Meijs"
	  },
	  {
	    "Id": "2847392asd8929328392f923",
	    "Name": "Peter nieuwlands"
	  }
	]</pre>

Error response	**Code:** 404 NOT FOUND
	Content:
	<pre>{
	  "message": "Not Found"
	}</pre>

Error response	**Code:** 400
	Content:
	<pre>{
	  "message": "Venue Already Exists"
	}</pre>

Error response	**Code:** 404
	Content:
	<pre>{
	  "message": "Race Not Found"
	}</pre>

URL	/races/:name/participants
Method	POST
URL Params	n/a

Data Params	```json
	{
	    "userId": "newId"
	}
	``

Success response	**Code:** 200 OK
	Content:
	``json
	{
	  "_id": "5769d1671aca70e812e68b31",
	  "status": "ended",
	  "name": "venueName",
	  "__v": 8,
	  "participants": [
	    {
	      "id": "572f51370895711100aa2fec",
	      "_id": "5769d1f706c775d80b3ecf72",
	      "winner": false,
	      "venues": [
	        "642",
	        "646"
	      ]
	    },
	    {
	      "id": "5769d1f706c775d80b3ecf72",
	      "_id": "newId",
	      "winner": false,
	      "venues": []
	    }
	  ],
	  "venues": [
	    "642",
	    "646"
	  ]
	}
	``

Error response	**Code:** 404 NOT FOUND
	Content:
	``json
	{
	  "message": "Not Found"
	}
	``

Error response	**Code:** 404 NOT FOUND
	Content:
	``json
	{
	  "message": "Race Not Found"
	``

| | ```
}
``` |
| **Error response** | **Code:** 400<br>**Content:**<br>```
{
    "message": "User Not Found"
}
``` |

URL	/races/:name/participants/:userId
Method	GET
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	``{
	  "id": "5769d1f706c775d80b3ecf72",
	  "_id": "576a400408b22c0025f47e21",
	  "winner": false,
	  "venues":
	  [
	      "193", "38"
	  ]
	}```

Error response	**Code:** 404 NOT FOUND **Content:** ```{ "message": "Not Found" }```

URL	/races/:name/participants/:userId
Method	GET
URL Params	n/a
Data Params	n/a

Success response	**Code:** 200 OK
	Content:
	{
	  "id": "5769d1f706c775d80b3ecf72",
	  "_id": "576a400408b22c0025f47e21",
	  "winner": false,
	  "venues":
	  [
	    "193", "38"
	  ]
	}

Error response	**Code:** 404 NOT FOUND
	Content:
	{
	  "message": "Not Found"
	}

URL	/races/:name/participants/:userId
Method	PUT
URL Params	n/a

Data Params	{
	  "venueId": "642"
	}

Success response	**Code:** 200 OK
	Content:
	{
	  "id": "5769d1f706c775d80b3ecf72",
	  "_id": "576a400408b22c0025f47e21",
	  "winner": false,
	  "venues":
	  [
	    "193", "38"
	  ]
	}

Error response	**Code:** 404 NOT FOUND
	Content:
	{
	  "message": "Not Found"
	}