

# API Documentation

Assessment webs5

Wouter van Geel  
Gijsbert van Corstanje

Version 1.0



# 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
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

<b>URL</b>	/venues
<b>Method</b>	GET
<b>URL Params</b>	Limit: aantal gewenste venues Page: gewenste pagina Name: gewenste (deel)naam van venue
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <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>
<b>Error response</b>	n/a

<b>URL</b>	/venues
<b>Method</b>	POST
<b>URL Params</b>	n/a
<b>Data Params</b>	<pre>{   "name": "Example",   "category": "Dutch" }</pre>
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "id": "576a44e308b22c0025f47e24",   "name": "Example",   "category": "Dutch" }</pre>
<b>Error response</b>	n/a

<b>URL</b>	/venue/:id
<b>Method</b>	GET
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "id": "642",   "name": "Friture Aod Naer",   "category": "Snackbars",   "local": false }</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/venue/:id
<b>Method</b>	PUT
<b>URL Params</b>	n/a
<b>Data Params</b>	<pre>{   "name": "Example",   "category": "Dutch" }</pre>
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "id": "999",   "name": "Example",   "category": "Dutch",   "local": true }</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/venue/:id
<b>Method</b>	DELETE
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "status": 200,   "message": "' :id' Successfully Deleted" }</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>



## Races

<b>URL</b>	/races
<b>Method</b>	GET
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "count": 4,   "races": [     {       "name": "demo",       "status": "not_started",       "venues": [         "642"       ]     },     {       "name": "BananaRacert",       "status": "not_started",       "venues": []     },     ...   ] }</pre>
<b>Error response</b>	n/a

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

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

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

<b>URL</b>	/races/:name
<b>Method</b>	DELETE
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "message": "/:name successfully deleted" }</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/races/:name/venues
<b>Method</b>	GET
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>[   "venue1id", "venue2id" ]</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/races/:name/venues
<b>Method</b>	POST
<b>URL Params</b>	n/a
<b>Data Params</b>	<pre>{   "Id": "newId" }</pre>
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>[   "venue1id", "venue2id", "newId" ]</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/races/:name/venues/:id
<b>Method</b>	DELETE
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "message": "' :id' Successfully deleted" }</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/races/:name/participants
<b>Method</b>	GET
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>[   {     "id": "5766047fb52c616831090325",     "name": "Robert Meijs"   },   {     "Id": "2847392asd8929328392f923",     "Name": "Peter nieuwlans"   } ]</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/races/:name/participants
<b>Method</b>	POST
<b>URL Params</b>	n/a
<b>Data Params</b>	<pre>{   "userId": "newId" }</pre>
<b>Success response</b>	<p><b>Code:</b> 200 OK <b>Content:</b></p> <pre>{   "_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"   ] }</pre>
<b>Error response</b>	<p><b>Code:</b> 404 NOT FOUND <b>Content:</b></p> <pre>{   "message": "Not Found" }</pre>



<b>URL</b>	/races/:name/participants/:userId
<b>Method</b>	GET
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "id": "5769d1f706c775d80b3ecf72",   "_id": "576a400408b22c0025f47e21",   "winner": false,   "venues":     [       "193", "38"     ] }</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>

<b>URL</b>	/races/:name/participants/:userId
<b>Method</b>	DELETE
<b>URL Params</b>	n/a
<b>Data Params</b>	n/a
<b>Success response</b>	<b>Code:</b> 200 OK <b>Content:</b> <pre>{   "status": 200,   "message": "'5769d1f706c775d80b3ecf72' Successfully Deleted" }</pre>
<b>Error response</b>	<b>Code:</b> 404 NOT FOUND <b>Content:</b> <pre>{   "message": "Not Found" }</pre>