1. Explore the API using the following link: [https://api.citybik.es/v2/](https://emea01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fapi.citybik.es%2Fv2%2F&data=04%7C01%7C%7Ccdd2ce43c40a4f082e8d08d924d7613f%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637581329730953825%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=2MGVNUneJfwDF%2BkHdSYg0Z1yjGtsQv9ZO%2FsD7yO4cY0%3D&reserved=0)

The request method used to explore the API link (GET, PUT, PUSH, HEAD) and GET standard response was successful in all cases (Respond code 200 ok). Most responses from the others (PUT, PUSH), the source did not allow with respond code 405.

1. ***Create a set of BDD Scenarios to test the API above****.*

As a user of the city bikes API, I want to verify bicycle businesses company around the world. **(GET request method)**

1. Given that a user can retrieve all bicycle businesses around the world from the city bikes API link.
2. When the user enters the phrase network to the endpoint link and click
3. Then all the bicycle companies’ network and ID around the world will appear
4. And the name of the countries, cities, corresponding latitude, and longitude appears.
5. And names of the station they are located will appear.

As a user of the city bikes API, I want to verify bicycle companies in each country and city with their respective addresses. **(GET request method)**

1. Given that a user can retrieve the company and cities/address they are located, from the country’s corresponding ID.
2. When a user adds country’s corresponding ID after network to the API link and click
3. Then the name of the company and the city it is in will appear.
4. And the name of the station indicating empty spaces appears.
5. And the list of nearbystation and addresses appears.
6. And the number of free bikes available and unique ID for this station appears.

As a user of city bikes API, I want to verify cities where bicycle companies are around the world. **(GET request method)**

Given that a user can retrieve the cities where bicycle companies are located around the world from the citybike API network.

1. When a user adds the phrase city after network on the corresponding API link.
2. Then all cities around the world having bicycle companies will appear and respective countries
3. And their respective company name will appear and network.
4. And their detailed location appears.

1. ***Create a specific BDD Scenario where*:**

|  |
| --- |
| As a user, I want to verify that the city of Frankfurt is in Germany and that we can return the city’s corresponding latitude and longitude. |

BDD Scenario

1. @ Given (“Given that a user can verify that the city of Frankfurt is in Germany”).
2. @Given (“Given that we can return the city’s corresponding longitude and latitude”).
3. @When (“When a user enters the city Frankfurt after network on the API link and clicks to search”)
4. @Then (“Then the location of the city Frankfurt appears, with Germany as the corresponding country”)
5. @And (“and the city’s corresponding latitude and longitude appears”).
6. @And (“the company name with the file reference and its’ ID appears”).
7. @And (“the name of Station displayed”)
8. ***Create a Java Steps Definition for Step 3.***

"company": [

                "Nextbike GmbH"

            ],

            "href": "/v2/networks/visa-frankfurt",

            "id": "visa-frankfurt",

            "location": {

                "city": "Frankfurt",

                "country": "DE",

                "latitude": 50.1072,

                "longitude": 8.66375

            },

            "name": "VISA"

1. Please provide your Git link location

https://github.com/Voman68/API--Citybik-Testing.git