

Sprint Project – Covid-19 Statistics App

The organisation you work for was looking for ways to help fight the COVID-19 Pandemic. After an extensive deliberation, a unanimous conclusion was reached that only on the basis of clearly presented and well-documented data can governments, organizations and individuals respond appropriately to the COVID-19 pandemic.

As a frontend developer in your department, you have been saddled with the responsibility of building a Web App to achieve the organization's goal.

Your App will use the API of <https://covid19api.com/> to get the needed data and then use the data for your App! Your App should use Javascript Fetch API to get this data and jQuery for DOM manipulation/presentation.

Your App should hit this endpoint <https://api.covid19api.com/summary> which returns a JSON data containing a summary of new and total cases globally and new and total cases per country.

```
{
  "Global": {
    "NewConfirmed": 100282,
    "TotalConfirmed": 1162857,
    "NewDeaths": 5658,
    "TotalDeaths": 63263,
    "NewRecovered": 15405,
    "TotalRecovered": 230845
  },
  "Countries": [
    {
      "Country": "ALA Aland Islands",
      "CountryCode": "AX",
      "Slug": "ala-aland-islands",
      "NewConfirmed": 0,
      "TotalConfirmed": 0,
      "NewDeaths": 0,
      "TotalDeaths": 0,
      "NewRecovered": 0,
      "TotalRecovered": 0,
      "Date": "2020-04-05T06:37:00Z"
    },...]
```

Visit

<https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6> for inspiration on how you may present this data. Note: Your App may not entirely look like the example given, the purpose of that is to give you an idea of how you may present only the essential data which should include:

- “Global Statistics”
- “Country by Country Statistics” in a list or table and
- “Nigeria Statistics”

Resources that could help...

COVID19 API documentation -

<https://documenter.getpostman.com/view/10808728/SzS8rjbc?version=latest#00030720-fae3-4c72-8aea-ado1ba17adf8>

<https://www.blazemeter.com/blog/how-use-postman-manage-and-execute-your-apis/>

Fetch API - <https://javascript.info/fetch>

<https://dev.to/nikola/making-ajax-calls-using-the-fetch-api-7b1>

jQuery - <http://zetcode.com/web/jquery/>

JSON - <https://restfulapi.net/introduction-to-json/>

=====SUBMISSION=====

Host your work on GitHub Pages and share link via lab-tasks channel on slack.

Date: Tuesday, April 14, 2020

Time 12:00 pm