Role: Front-end developer

Assignment

(9.30 am - 12.30 pm , 29th July 2022)

Instructions

Allotted time : 10 minutes reading time + 2 hours and 30 minutes for execution for execution + 20 minutes for submission

No submission will be considered post 12.30 pm. Kindly manage your time wisely.

Refrain from adopting unfair means during the test.

Requirements

1. You are expected to use React, keeping in mind that the website doesn't waste user's time in terms of usability (page load time, performance etc).
2. You may use any ready made styling libraries like MaterialUI, Bootstrap etc. You can come up with your own styling, or use some like tailwind css as well.
3. The website should be responsive, i.e. adaptable for mobile as well as for desktops.

Submission

1. You can use React - CodeSandbox https://codesandbox.io/s/new . Make sure you Sign up , rename your project and save your code.
   Or
   You have to push your code to a public git repo and publish it to a serverless platform (like netlify) to demo it.

2. Submit the links using the google form provided.

Evaluation Standards

We would be looking for -

1. Completion of features
2. Code Quality
3. Modularity & Separation of concerns
4. UI/UX Sense

Task -

To create : A dynamic page to display population data along with filtering feature on the basis of year.

Api - **https://datausa.io/api/data?drilldowns=State&measures=Population**

It should include -

1. List the entire data on the page
2. A search box, where users should be able to search data on the basis of state and on page refresh need to retain the data along with an url updated for different applied year in the filter.

   Example   -
   https://datausa.io/api/data?drilldowns=State&measures=Population&year=2019

   Note: There may be years for which no data is available as well.

3. A filter to display all the data on the basis of the year selected.
4. You are free to come up with your own design.

All the best!