## Take Home Assessment

Please write a simple application to do the following:

1. Access the GraphQL endpoint - ​​<https://countries.trevorblades.com/> to access Continents, Countries and Languages. You can access the endpoint through a browser to see the various tables and queries available.
2. Start a new react application using create-react-app (with typescript).
3. Add a page to allow the user to select a continent.
4. Once a continent is selected, allow the user to select a country.
5. Once the country has been selected, show the languages used in that country.
6. Add a filter to restrict the list of countries by language: i.e. only show countries that use the filtered language.

Use whatever libraries you are comfortable using.

Points to remember:

1. Use TypeScript throughout.
2. Keep the code modular.
3. Avoid use of “let” and “for” statements.
4. Separate business logic from tsx files.

Bonus Points:

1. Appealing visual presentation.
2. Unit tests, although they don’t need to be extensive.

You will be asked to make changes to your code during the interview.