**Instructions**

Step 1:

Unzip the folder, then you will find frontend-react and backend-node folders.

Step 2 (To run backend node.js server):

a. Change your directory to the backend-node folder's directory.

b. Run command: npm install nodemon -g

c. Then run command: npm install

This will install the required packages from package.json for backend-node.

d. Then run command: nodemon start

This will start the backend node.js server on port 3001.

Step 3 (To run frontend react.js server):

a. Change directory to the frontend folder's directory.

b. Run command: npm install

This will install the required packages from package.json for frontend-react.

c. Now run command: npm start

This will start the server on your localhost at 3000 port.

You can check the UI on http://localhost:3000.

Application Navigation help:

HTML Canvas implemented:

1) You will find HTML canvas animation on front home page itself.

(URL - "http://localhost:3000/")

We have implemented forward moving always running world map to suite our project.

Implemented Input validations using JavaScript:

1) You can click on "First Time?" button below "World Factbook" heading to see the HTML input validations and can also see interactive dynamic handling using JavaScript.

2) Filename: "Form.js" under "frontend-react/src/components/Form.js"

Implemented interactive JavaScript in web browser:

1) Click on "Let's Go" button on home page, you will see "Categories" page loaded.

2) Hover each Category to see the interactivity.

3) Also check search box on navigation bar. The "search" button appears dynamically when you enter some text in search text box.

Hope you find enjoy our application.