

Vog React Code Challenge

At this code challenge we are looking for your coding skills, familiarity with **JavaScript, React and Redux**, utilizing best practices, clean coding, reusability, version control, teamwork and problem solving. You will need to build the following 3 pages:

Home	Universities	Postal lookup
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Generals (home page):

- Start the project with redux as all RESTful API data must be from a central redux store.
- You can use Thunk or Saga as a middleware.
- You will need to display Navbar which links to the "Universities" page and the "Postal lookup" page.
- On the home page use the following APIs to perform CRUD operations.

GET	https://jsonplaceholder.typicode.com/posts?_start=0&_limit=20
GET by ID	https://jsonplaceholder.typicode.com/posts/:id
POST	https://jsonplaceholder.typicode.com/posts body: { title: string, body: string, userId: int }
PUT	https://jsonplaceholder.typicode.com/posts/:id body: { title: string, body: string, userId: int }
DELETE	https://jsonplaceholder.typicode.com/posts/:id

- All posts must be displayed on the home page with options to add, edit and delete.
- To add a post add a button that pops a modal on click and add the post data to it (modal should be on a separate file).
- The data will not be added as the APIs are fake, but you would get 200 response if submission successful.
- It should have a search bar to search by Id so make sure id's are visible on the posts when you display all posts.

Universities page:

<http://universities.hipolabs.com/search?country=Canada>

Use the above API to display data coming from the API. The country can be changed from a drop down and the data should change by the country name. The country name dropdown would have the country list from this API: <https://restcountries.eu/>

Postal lookup page:

Use the following API to lookup area details by zip code: <https://api.zippopotam.us/us/{code}>