Front End Exam

Maximum Time Allocation

2 hours

How to Submit

Public GitHub or Bitbucket repository.

Package Manager

```
https://yarnpkg.com/
```

Packages

```
https://www.npmjs.com/package/@react-google-maps/api
https://www.npmjs.com/package/react
https://www.npmjs.com/package/styled-components
https://www.npmjs.com/package/moment
```

You are fine to install additional packages, **excluding Lodash**, and to use CRA2 to get you started.

Problem

A client wants to map places of interest (POI) on a map, however they don't want to display the map pin on a date the business is not open.

Create buttons for the list of days that a business is open. When a button is clicked, only show Pins for the businesses that are open that day and Pan to the first pin. Make your marker similar to the one included below.

Display a title with the number of business' open for the selected day.

Show the current date + time updated every 10 seconds on the page.

Include a **README** file with instructions to install and run.

Points

Provide these points via a global context as we want to subscribe to them.

```json
[
  {
    "openDates": ["2020-03-08T05:52:51.613Z", "2020-03-12T05:52:51.613Z"],
    "name": "Lifty HQ",
    "address": "754 Hunter St, Newcastle West NSW 2302",
    "position": {
      "lat": -32.9259518,
      "lng": 151.7615659
    }
  },
  {
    "openDates": ["2020-03-11T05:52:51.613Z"],
    "name": "Anaconda",
    "address": "711 Hunter St, Newcastle NSW 2302",
    "position": {
      "lat": -32.9261882,
      "lng": 151.7610577
    }
  },
  {
    "openDates": ["2020-03-12T05:52:51.613Z", "2020-03-13T05:52:51.613Z"],
    "name": "Tattoo",
    "address": "697 Hunter St, Newcastle West NSW 2302",
    "position": {
      "lat": -32.9265005,
      "lng": 151.7619549
    }
  },
  {
    "openDates": ["2020-03-13T05:52:51.613Z"],
    "name": "Anytime Fitness",
    "address": "496 King St, Newcastle West NSW 2302",
    "position": {
      "lat": -32.9269165,
      "lng": 151.7607144
    }
  }
]
```

Map Pin

Build this map pin in React with a Styled Component. Include something inside of the Pin Head. Include the first letter of the business name in the head of the pin. This is the only component you should worry about styling nicely.