React: Life Mapping

React – avatars

The following exercise contains the following subjects:

- ◆ map
- ◆ Ajax
- ◆ Components

What we are going to build

We will build random avatars with a help of an API.

Our API

We are going to use this API (https://randomuser.me/) to display random avatars when the component mounts to the screen.

Instructions

1. Fetch at least 10 random avatars from the API

2. Get the relevant data you want from each avatar and save it to state.

3. Display all the avatars on screen.

4. Have an option to **filter** over the avatars **by their name**.

 Tip:

We are essentially filtering over an array of objects by the objects name value.

Extra tip:

Use the filter and includes method to achieve this.

Think like a React Developer

Components

What components should we create?

Tip:

A component for the input

A component for the button

A component thats **only purpose** is to map over the avatars

A component to display a single avatar

State

What components should hold the state?

Reusability

How can I make my components reusable? If I take that component and paste it to another project, I shouldn't need to modify the **component** itself at all.

Tip:

Different props

Here is a [video demo](#) of what we should build

Submit the file to Hive.