**React Recipe Box**

See “Setting up React…” doc for further info on how to set up React to be used on own computer.

**Objective**

<https://www.freecodecamp.org/challenges/build-a-recipe-box>

**Initial thoughts**

Recipe box looks to use bootstrap styling which would be useful as it can use collapsible information (eg accordion style for ingredients/instructions).

**Issues**

Using bootstrap in react isn’t as simple as normal html/css. Need to look over npm package documentation for *‘react-bootstrap’*

(<https://github.com/facebook/create-react-app/blob/master/packages/react-scripts/template/README.md#adding-bootstrap>)

Freecodecamp wants you to use SASS, which is another thin I needed to look into. There are way to eject and edit the config file, but the words “permanent” scare me so I read these documents instead:

<https://hackernoon.com/using-sass-with-create-react-app-without-ejecting-b5f4f827ed9e>

<https://github.com/facebook/create-react-app/blob/master/packages/react-scripts/template/README.md#adding-a-css-preprocessor-sass-less-etc>

(if you did want to eject, this looked straight forward:

<https://medium.com/@kswanie21/css-modules-sass-in-create-react-app-37c3152de9>)

SASS IS BEING A BITCH THOUGH, COS I CAN’T USE SASS SYNTAX ATM, ONLY SCSS? IDK

Made a recipes component and needed to map through my recipes data (which includes title and ingredients) to print out each recipe. Had a big issue trying to pass through both title and ingredients, for a long time could only pass in one element. Realised that I needed to pass in ‘data’ as a parameter (which was my array of recipes object), and then use dot notation to access each piece of information.

Add?/Delete recipes – can’t access general state from a different component. Can pass through props, but that doesn’t change state, it means you can only view it as a prop.

Deleting recipes – couldn’t pass state through map function. Added a ,this….which might have done it?! (see <https://stackoverflow.com/questions/30148827/this-is-undefined-inside-map-function-reactjs>) – this then got changed to use arrow notation as noted here: <https://stackoverflow.com/questions/29192687/reactjs-cant-access-this-methods>

Now when trying to splice by using this.props.index, index is undefined. – even after allowing for arrow notation above, still no change. \*

THE AMOUNT OF TIMES I’VE SEEN

*“Uncaught TypeError: Cannot read property 'props' of undefined”*

KILS ME

\* in the end, I needed a “.bind(this)” when I called my passed on function as a prop:

*<Button className = 'btn-danger' onClick={this.remove.bind(this)}>Delete</Button>*

…then when I came to run my code which needed a “this.state.recipes” in my main remove button, again I had an Uncaught type error maessage of undefined. To solve this, again I needed to “.bind(this)” on the original passing of the function as a prop. This solved it!

I’m guessing if I set the function in the constructor as .bind(this) I might not need these two…..???

…not exactly. I still needed it in the Recipe section (where no constructor is set up), im guessing for that reason. If I set up constructor in there with a this.remove = this.remove.bind(this) then that would be fine.

**Useful resources**

React js tutorials for beginners youtube playlist really helpful as looked to add complexity one step at a time.

[*https://www.youtube.com/watch?v=-AbaV3nrw6E&list=PL6gx4Cwl9DGBuKtLgPR\_zWYnrwv-JllpA*](https://www.youtube.com/watch?v=-AbaV3nrw6E&list=PL6gx4Cwl9DGBuKtLgPR_zWYnrwv-JllpA)