React Style Guide Shelf Chef Revision 2 11/22/21

General Rules

- Only one React component per file
- Always use JSX syntax

Naming Conventions

- Use *PascalCase* for filenames Ex. RecipesList.js
- Use *PascalCase* for React components
- Use <u>came/Case</u> for React component instances
 Ex. const recipesList = <RecipesList />;
- Use the filename as the component name (unless root component)
 - Ex. RecipesList.js should have reference name RecipesList
 - Root component should be named index.jsx

Declarations

- Name components by reference instead of by displayName
 - Ex.export default function RecipesList(props) {return()}

Props

- Use camelCase for prop names
- Use PascalCase if the prop value is a React component
- Leave the value of a prop blank when it is explicitly true
 - Ex. Incorrect Corre

```
Incorrect Correct

<RecipesList <RecipeList showRecipeList />
showRecipeList={true}
/>
```

- Do not use array index as the key prop if the order of the items in the array changes

React Hooks

- Only call hooks at the top level, never inside loops, conditions, or nested functions
- Only call hooks from React functions

Parentheses

- Always use parentheses around JSX tags that take up multiple lines

Alignment

```
{signupPageToggle && (
      <SignupPage
        signupPageToggle={signupPageToggle}
        setSignupPageToggle={setSignupPageToggle}
        setSearchToggle={setSearchToggle}
    )}
    {loginPageToggle && (
      <LoginPage</pre>
        setUser={setUser}
        setLoginPageToggle={setLoginPageToggle}
        setLoggedIn={setLoggedIn}
        setSearchToggle={setSearchToggle}
    )}
  </div>
{showSearchbar() && (
  <Searchbar
    setIngredients={setIngredients}
    ingredients={ingredients}
    searchTagList={searchTagList}
    setSearchTagList={setSearchTagList}
    setSearchToggle={setSearchToggle}
    setRecipes={setRecipes}
    getRecipe={getRecipe}
)}
```