

Componentize React App

Make a component file in the src folder named "Recipe.js"(You can name it with whatever you wish to) which is imported in App.js. Edit src/Recipe.js file. This file contains the whole structure for recipe cards.

```
import React from "react";
import style from './recipe.module.css';

const Recipe = ({title,calories,image,ingredients}) =>{
  return(
    <div className={style.recipe}>
      <h1>{title}</h1>
      <ol>
        {ingredients.map(ingredient=>(
          <li>{ingredient.text}</li>
        ))}
      </ol>

      <p>Calories : {calories}</p>

      <img className={style.image} src={image} alt=""/>

    </div>
  );
}
export default Recipe;
```

Include Hooks to save the state in stateless functions

We are using `useEffect` , `useState` you can refer the corresponding notes.

Below is the code sample for reference:

```
import React, { useEffect, useState } from 'react'
import './App.css';
import Recipe from './Recipe';

const App = () => {
  const APP_ID = <YOUR_APP_ID>;
  const APP_KEY = <YOUR_APP_KEY>;
  const [recipes, setRecipes] = useState([]);
  const [search, setSearch] = useState("");
  const [query, setQuery] = useState("chicken");
  useEffect(() => {
    getRecipes();
  }, [query])
  const getRecipes = async () => {
    const response = await fetch
      (`https://api.edamam.com/search?q=${query}&app_id=${
    const data = await response.json();
    setRecipes(data.hits);
    // console.log(data);

  };
  const updateSearch = e => {
    setSearch(e.target.value);
  };
};
```

```

return (
  <div className="App">
    <form className="search-form" onSubmit={getSearch} >
      <input className="search-bar" type="text" value={search}
        onChange={updateSearch} />
      <button className="search-button" type="submit" >
        Search
      </button>
    </form>
    <div className="recipes">
      {recipes.map(recipe => (
        <Recipe
          key={recipe.recipe.label}
          title={recipe.recipe.label}
          calories={recipe.recipe.calories}
          image={recipe.recipe.image}
          ingredients={recipe.recipe.ingredients}
        />

      ))}
    </div>

  </div>
);
}

export default App;

```