**REACT WORK NOTES**

Pass Ngan’s account: Secondbestleaderever

React make dom change in very predictable ways – scalable and managable

## REACT DATA FLOW:

React’s **component** structure:

5 levels

Atoms

(icons, buttons, etc.)

Molecules

(navigation bar from icons, buttons)

Organisms

Templates

Pages

- **React’s data flow is one way (top -> bot)**, not other way around

* Changes to a node will only affect child nodes

- React creates the virtual DOM (a copy of the DOM in a JS object), then instead of us performing manual changes react does that all bts.

* React has a good ecosystem
* Class, render() method with props()< then reactdom,render()

**CREATE-REACT-APP:**

* Tool that helps set up the project

**MISC.:**- Should not import HTML into react bc JSX syntax is roughly same as HTML?

<https://stackoverflow.com/questions/33973757/how-can-i-render-html-from-another-file-in-a-react-component>

react-router: **+ routes: need to use exact={true} for index route (“/”) because the router will find the 1st match (“/” will also match for “/reviews” or etc.>**

**MODEL REACT APP AS A MULTI-PAGE APP:**

<https://stackoverflow.com/questions/32130937/does-react-js-require-app-to-be-a-single-page#:~:text=A%20react%20application%20need%20not,like%20single%20vs%20multi%20page.>

REACT-ROUTER PASSING BY COMPONENTS:

<https://ui.dev/react-router-v4-pass-props-to-components/>

REACT SETSTATE():

* Will wait for other changes to be made => we dont know when the call will be made
* If wanna change based on previous states, need to give setState a function with previous state as a param.
* Use ref tag for reference instead of getElementById => the ref will be called every time the component renders
* <https://www.freecodecamp.org/news/everything-you-need-to-know-about-react-eaedf53238c4/>