SER 401: Team 41

Learning and Research Doc - React

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| Team member: | Ty | Curtis | Isaac | Penelope |
| Feels up to speed check mark: |  |  |  | X |

**React**

**Resources:**

Tutorial: <https://react-tutorial.app/app.html>

Intro and “Build a small game” tutorial: <https://reactjs.org/tutorial/tutorial.html>

Good for seeing how everything can fit together: <https://medium.com/swlh/how-to-create-your-first-mern-mongodb-express-js-react-js-and-node-js-stack-7e8b20463e66>

good intro video with tutorial that’s fairly short: <https://www.youtube.com/watch?v=xHQsBWtFy6c>

Babel is the language definition that is most preferred: <https://babeljs.io/docs/en/editors>

**Notes:**

- React is a flexible javascript library for building UIs

- is component based- takes in parameters (props) and returns a hierarchy of views to display

- JSX: is a common syntax that makes react element structures easier to write

- comes with the “full power” of JavaScript

-compiles down to base javascript

-developer tools: Devtools extension for chrome and FF let you inspect react component trees with

browser dev tools

good get started tutorial here -> <https://create-react-app.dev/docs/getting-started/>

and here -> <https://www.freecodecamp.org/news/portfolio-app-using-react-618814e35843/>

**Components:**

API resource for react components: <https://reactjs.org/docs/react-component.html>

react component libraries: <https://blog.bitsrc.io/13-top-react-component-libraries-for-2020-488cc810ca49>

**Important links for Penelope:**

**-overlay for figma to react conversion:** [**https://www.figma.com/community/file/921066411285098081**](https://www.figma.com/community/file/921066411285098081)

**-the site I was using to help get the homepage set up:** [**https://dev.to/nexttech/building-your-first-react-website-c5c**](https://dev.to/nexttech/building-your-first-react-website-c5c)

**-site specific for making a header: https://www.makeschool.com/academy/track/standalone/react-fundamentals-vm0/build-a-header-component**