Week 9

This week we made a emojee counter app which taught me how to use react class components to manage state and props effectively. I learnt the difference between props which pass data from parent to child and state, which manages dynamic behavior within a component. By implementing FacebookEmojiCounter and Togglemode I practices handling iser interactions with event handlers like onClick and updating the UI using this.setState. this exercise highlighted the importance of breaking functionality into reusable components.

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JS ToggleModeComponent.js X 📗 …
 EXPLORER
                                     JS Facebookemoii.is
                                                            JS App.js
∨ WEEK9
                         emoapp > src > JS ToggleModeComponent.js > 😭 ToggleMode > 😚 Toggle_Mode > 😚 setState() callback
                            1 import './App.css
                            2 import React from 'react'
  > public
                           import happy from './happy.png';
class ToggleMode extends React.Component {

✓ src

                                  super(props);
this.state = {pic : happy};
                                  this.Toggle_Mode = this.Toggle_Mode.bind(this);
   happy.png
                                  Toggle_Mode() {
   # index.css
                                  this.setState((prevState)=>{
   JS index.js
   🖬 like7.png
   🔓 logo.svg
                                  return {pic : happy}
                                  Plse if (prevState.pic===happy)
   sad.png
   JS setupTests.js
                                  this.mode="sad"
                           20
   JS ToggleModeComp...
                                  return {pic :sad}
   .gitignore
  {} package-lock.json
  {} package.json

 README.md

                                  render() {
                                     return (
 {} package-lock.json
 {} package.json
                                     <div>
                                      <h3>This is output of Task2: {this.mode}
                                     <button onClick={this.Toggle_Mode}</pre>
                                      <img src={this.state.pic}</pre>
                                     </button>
                                    export default ToggleMode;
                                                              TERMINAL
> OUTLINE
                                                                                                                      powershell
                          webpack compiled successfully
> TIMELINE
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ToggleModeComponent 1

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      V WEEK9  ☐ ☐ O ☐ emoapp > src > JS Facebookemoji.js > ☐ FacebookEmojiCounter > ☐ constructor
                                         import './App.css'
import React from 'react'
import like7 from './like7.png';
import Love from './Love.png';
import happy from './happy.png';

✓ emoapp

✓ src

          JS App.js
                                          class FacebookEmojiCounter extends React.Component
                                           constructor(props)
          JS Facebookemoji.js
          happy.png
                                           super(props);
this.state = {number : 0};
 <u>-</u>Ø
          # index.css
                                           this.increment = this.increment.bind(this);
this.pic=null
          🖪 like7.png
          Love.png
                                           else if (this.props.type==="Like")
          JS reportWebVitals.js
          sad.png
                                           else if (this.props.type==="happy")
          JS setupTests.js
          JS ToggleModeComp...
         gitignore
         {} package-lock.json
                                           increment() {
                                              this.setState((prevState)=>{
         {} package.json
                                                  return {number : prevState.number+1}
        (i) README.md
        > node_modules
        {} package-lock.json
       {} package.json
                                           render() {
                                              <button onClick={this.increment}>
<img src={this.pic} alt=" "/>
                                               <b>{this.state.number} </b>
                                               </button>
                                              export default FacebookEmojiCounter;
                                  PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
      > OUTLINE
                                                                                                                                   powershell
                                  webpack compiled successfully
      > TIMELINE
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                                                                       In 17 Col 34 Spaces: 4 HTF-8 CRIF () lavaScript @ Go Lin
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Facebookemoji 1

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File Edit Selection View ··· ←
                                                                                                                               JS App.js X JS App.test.js
  V WEEK9 [1 □ □ emoapp > src > JS App.js > ⊕ App
                                   1 import React from 'react';
                                            import FacebookEmojiCounter from './Facebookemoji';
import ToggleMode from './ToggleModeComponent'

✓ src

                                           function App() {
                                              return (
       JS App.js
                                                 <div className="App">

                                                   <h1>Emoji Counter App</h1>
       JS Facebookemoji.js
       happy.png
       ■ like7.png
      Love.png
      JS reportWebVitals.js
                                            export default App;
       sad.png
       JS setupTests.js
      JS ToggleModeComp...
      gitignore
     {} package-lock.json
     {} package.json

    README.md

    {} package-lock.json
    {} package.json
                                    PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
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                                    webpack compiled successfully
  > TIMELINE
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app.js 1