

```

1 import ConfigurationContext from '../context/ConfigurationContext'
2
3 import './index.css'
4
5 const Body = () => (
6   <ConfigurationContext.Consumer>
7     {value => {
8       const {showContent, showLeftNavbar, showRightNavbar} = value
9
10      return (
11        <div className="body-container">
12          {showLeftNavbar ? (
13            <div className="left-navbar">
14              <h1 className="body-header-text">Left Navbar Menu</h1>
15              <ul className="list-items">
16                <li className="item">Item 1</li>
17                <li className="item">Item 2</li>
18                <li className="item">Item 3</li>
19                <li className="item">Item 4</li>
20              </ul>
21            </div>
22          ) : null}
23          {showContent ? (
24            <div className="content">
25              <h1 className="body-header-text">Content</h1>
26              <p className="content-text">
27                Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do
28                eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut
29                enim ad minim veniam.
30              </p>
31            </div>
32          ) : null}
33          {showRightNavbar ? (
34            <div className="right-navbar">
35              <h1 className="body-header-text">Right Navbar</h1>
36              <div className="ad-box-container">
37                <p className="ad-box">Ad 1</p>
38                <p className="ad-box">Ad 2</p>
39              </div>
40            </div>
41          ) : null}
42        </div>
43      )
44    }}
45  </ConfigurationContext.Consumer>
46 )
47
48 export default Body
49

```

```
1 import ConfigurationContext from '../..context/ConfigurationContext'
2
3 import './index.css'
4
5 const ConfigurationController = () => {
6   <ConfigurationContext.Consumer>
7     {value => {
8       const {
9         showContent,
10        showLeftNavbar,
11        showRightNavbar,
12        onToggleShowContent,
13        onToggleShowLeftNavbar,
14        onToggleShowRightNavbar,
15      } = value
16      const onChangeContent = () => {
17        onToggleShowContent()
18      }
19      const onChangeLeftNavbar = event => {
20        onToggleShowLeftNavbar(event.target.value)
21      }
22      const onChangeRightNavbar = event => {
23        onToggleShowRightNavbar(event.target.value)
24      }
25
26      return (
27        <div className="configuration-controls-container">
28          <div className="responsive-controls-container">
29            <h1 className="layout-heading">Layout</h1>
30            <div className="checkbox-group">
31              <div className="checkbox-container">
32                <input
33                  checked={showContent}
34                  onChange={onChangeContent}
35                  type="checkbox"
36                  id="content"
37                />
```

```

38     <label className="label-text" htmlFor="content">
39         Content
40     </label>
41 </div>
42 <div className="checkbox-container">
43     <input
44         checked={showLeftNavbar}
45         onChange={onChangeLeftNavbar}
46         type="checkbox"
47         id="leftNavbar"
48     />
49     <label className="label-text" htmlFor="leftNavbar">
50         Left Navbar
51     </label>
52 </div>
53 <div className="checkbox-container">
54     <input
55         checked={showRightNavbar}
56         onChange={onChangeRightNavbar}
57         type="checkbox"
58         id="rightNavbar"
59     />
60     <label className="label-text" htmlFor="rightNavbar">
61         Right Navbar
62     </label>
63 </div>
64 </div>
65 </div>
66 </div>
67 )
68 }}
69 </ConfigurationContext.Consumer>
70 )
71
72 export default ConfigurationController

```

```
1 import Header from '../Header'
2 import Footer from '../Footer'
3 import Body from '../Body'
4
5 import './index.css'
6
7 const Layout = () => {
8   <div className="layout-container">
9     <div className="responsive-container">
10       <Header />
11       <Body />
12       <Footer />
13     </div>
14   </div>
15 }
16
17 export default Layout
18
```

```
1 import React from 'react'
2
3 const ConfigurationContext = React.createContext({
4   showContent: true,
5   showLeftNavbar: true,
6   showRightNavbar: true,
7   onToggleShowContent: () => {},
8   onToggleShowLeftNavbar: () => {},
9   onToggleShowRightNavbar: () => {},
10 })
11
12 export default ConfigurationContext
13
```

```
1  import {Component} from 'react'
2
3  import ConfigurationContext from './context/ConfigurationContext'
4
5  import ConfigurationController from './components/ConfigurationController'
6
7  import Layout from './components/Layout'
8
9  import './App.css'
10
11 class App extends Component {
12   state = {
13     showContent: true,
14     showLeftNavbar: true,
15     showRightNavbar: true,
16   }
17
18   onToggleShowContent = () => {
19     this.setState(prevState => ({showContent: !prevState.showContent}))
20   }
21
22   onToggleShowLeftNavbar = () => {
23     this.setState(prevState => ({showLeftNavbar: !prevState.showLeftNavbar}))
24   }
25
26   onToggleShowRightNavbar = () => {
27     this.setState(prevState => ({showRightNavbar: !prevState.showRightNavbar}))
28   }
29
30   render() {
31     const {showContent, showLeftNavbar, showRightNavbar} = this.state
32   }
```

```
33     return (  
34         <ConfigurationContext.Provider  
35             value={{  
36                 showContent,  
37                 showLeftNavbar,  
38                 showRightNavbar,  
39                 onToggleShowContent: this.onToggleShowContent,  
40                 onToggleShowLeftNavbar: this.onToggleShowLeftNavbar,  
41                 onToggleShowRightNavbar: this.onToggleShowRightNavbar,  
42             }}  
43         >  
44             <div className="app-container">  
45                 <ConfigurationController />  
46                 <Layout />  
47             </div>  
48         </ConfigurationContext.Provider>  
49     )  
50 }  
51 }  
52  
53 export default App  
54
```