



Web App Design with React Week 13 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

1. Using create-react-app, create a new React project.
2. Create a LoginForm component that should contain username and password input fields, an h3 that says Log In, and a border. Style the component using the default generated css file.
3. Create a Navigation component that contains links styled like a navbar. The links don't have to go anywhere.



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- Put the Navigation component at the top of the page and the LoginForm in the center of the page.

Screenshots of Code:

```
src > JS App.js > App
1 import '../node_modules/bootstrap/dist/css/bootstrap.css'
2 import './App.css';
3 import LoginForm from './LoginForm';
4 import NavBar from './NavBar';
5
6
7 function App() {
8   return (
9     <div>
10       <NavBar/>
11       <LoginForm/>
12     </div>
13   );
14 }
15
16 export default App;
17
```

```
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2 import './App.css';
3 import LoginForm from './LoginForm';
4 import NavBar from './NavBar';
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6
7 function App() {
8   return (
9     <div>
10       <NavBar/>
11       <LoginForm/>
12     </div>
13   );
14 }
15
16 export default App;
17
```

```
1 import React, { Component } from "react";
2
3 export default class NavBar extends Component {
4   render() {
5     return (
6       <nav className="navbar navbar-expand-lg navbar-light bg-light">
7         <a className="navbar-brand" href="#">
8           ABT
9         </a>
10         <button
11           className="navbar-toggler"
12           type="button"
13           data-toggle="collapse"
14           data-target="#navbarNav"
15           aria-controls="navbarNav"
16           aria-expanded="false"
17           aria-label="Toggle navigation"
18         >
19           <span className="navbar-toggler-icon"></span>
20         </button>
21         <div className="collapse navbar-collapse" id="navbarNav">
22           <ul className="navbar-nav">
23             <li className="nav-item active">
24               <a className="nav-link" href="#">
25                 Home
26               </a>
27             </li>
28             <li className="nav-item">
29               <a className="nav-link" href="#">
30                 Videos
31               </a>
32             </li>
33             <li className="nav-item">
34               <a className="nav-link" href="#">
35                 Pricing
36               </a>
37             </li>
38           </ul>
39         </div>
40       </nav>
41     );
42   }
43 }
```



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```
src > src > LoginForm.js > render
1 import React, { Component } from "react";
2
3 export default class LoginForm extends Component {
4   render() {
5     return (
6       <div className={React.HTMLAttributes<HTMLHeadingElement>.className?: string}
7       <h3 className="text-center">Azumaya Basketball Training</h3>
8
9       <div className="container py-5 h-100">
10         <div className="row d-flex justify-content-center align-items-center h-100">
11           <div className="col col-xl-10">
12             <div className="card">
13               <h4 className="text-center py-4">Sign In To Your Account</h4>
14               <div className="form">
15                 <form>
16                   <div className="input-container text-center">
17                     <label className="pb-4">Username:</label>
18                     <input type="text" placeholder="Enter Username:"></input>
19                   </div>
20                   <div className="input-container text-center">
21                     <label>Password:</label>
22                     <input type="password" placeholder="Enter Password:" />
23                   </div>
24                   <div className="button-container text-center py-4">
25                     <button className="btn btn-primary">Login</button>
26                   </div>
27                 </form>
28               </div>
29             </div>
30           </div>
31         </div>
32       </div>
33     );
34   }
35 }
36 }
```

Screenshots of Running Application:

ABT Home Videos Pricing

Azumaya Basketball Training

Sign In To Your Account

Username:

Password:



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URL to GitHub Repository:

<https://github.com/KyoAzumaya/login-form-assignment.git>