



## Web App Design with React Week 13 Coding Assignment

**Points possible:** 70

Category	Criteria	% of Grade
<b>Functionality</b>	Does the code work?	25
<b>Organization</b>	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
<b>Creativity</b>	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
<b>Completeness</b>	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.
4. Put the Navigation component at the top of the page and the LoginForm in the center of the page.

### Screenshots of Code:



# PROMINEO TECH

```
1 import React from "react";
2
3 export default class LoginForm extends React.Component {
4   render(){
5     return (
6       <div class="container d-flex justify-content-center align-items-center" style={{height: '90vh'}}>
7         <div class="row border border-dark pb-1">
8           <h3>Log In</h3>
9           <div class="col text-center ">
10             <input type="text" class="form-control bg-dark text-light" placeholder="username"></input>
11             <br></br>
12             <input type="password" class="form-control bg-dark text-light" placeholder="password"></input>
13             <br></br>
14             <button class="btn btn-success form-control">Log In</button>
15           </div>
16         </div>
17       </div>
18     );
19   }
20 }
```

```
1 import React from "react";
2
3 export default class Navigation extends React.Component {
4   render(){
5     return (
6       <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
7         <div class="container-fluid">
8           <a class="navbar-brand" href="#">React App</a>
9           <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
10             <span class="navbar-toggler-icon"></span>
11           </button>
12           <div class="collapse navbar-collapse" id="navbarNav">
13             <ul class="navbar-nav">
14               <li class="nav-item">
15                 <a class="nav-link active" aria-current="page" href="#">Login</a>
16               </li>
17               <li class="nav-item">
18                 <a class="nav-link" href="#">Link one</a>
19               </li>
20               <li class="nav-item">
21                 <a class="nav-link" href="#">Link two</a>
22               </li>
23             </ul>
24           </div>
25         </div>
26       </nav>
27     );
28   }
29 }
```



# PROMINEO TECH

```
import React from "react";
import LoginForm from "../login";
import Navigation from "../navigation";

export default class website extends React.Component {
  render(){
    return (
      <div>
        <Navigation />
        <LoginForm />
      </div>
    )
  }
}
```

```
import React, { Component } from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Page from './components/Page';
import './node_modules/bootstrap/dist/css/bootstrap.css'

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <Page />
  </React.StrictMode>
);

// If you want to start measuring performance in your app, pass a function
// to log results (for example: reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
reportWebVitals();
```

**Screenshots of Running Application:**



# PROMINEO TECH

React App [Login](#) [Link one](#) [Link two](#)

Log In

**URL to GitHub Repository: <https://github.com/n-harvey/Week13Assignment>**