



## Web App Design with React Week 14 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 what you've learned this week, create a page of an application that enables users to vote and leave reviews on movies.
2. You should include at least the following components:
  - a. MovieList – a container for all the Movie components and their data.
  - b. Movie – a component that represents movie data (i.e. image, synopsis, rating, etc...)



- c. Stars – a one to five-star rating component that allows users to rate something (movies in this case, but remember that components are reusable, so you could use it elsewhere!)
- d. ReviewList – a container inside of a Movie that houses Review components.
- e. Review – A text review a user can leave on a movie.
- f. ReviewForm – a form at the bottom of a Movie component that allows users to leave reviews. When submitted, the review should be added to the movie. All this data can be stored in an array, no networking or database needed for this assignment.

## Screenshots of Code:

```
1 import React from "react";
2 import ReactDOM from "react-dom/client";
3 import "./index.css";
4 import App1 from "./App1";
5 import "../node_modules/bootstrap/dist/css/bootstrap.css";
6 import "./App.css";
7
8 function Header() {
9   return <h1 className="text-center">{"Basketball Movies Review"}</h1>;
10 }
11
12 const root = ReactDOM.createRoot(document.getElementById("root"));
13 root.render(
14   <React.StrictMode>
15     <Header />
16     <App1 />
17   </React.StrictMode>
18 );
19 import React, { Component } from "react";
20 import MoviesList from "./components/MoviesList";
21
22 export default class App extends Component {
23   render() {
24     return (
25       <div>
26         <MoviesList />
27       </div>
28     );
29   }
30 }
```

```
1 import React from "react";
2 import Create from "./Create";
3
4 function Movies(props) {
5   return (
6     <div className="container p-4" id="box">
7       <section className="border border-primary">
8         <div className="row">
9           <div className="col">
10             <img src={props.image} alt=""></img>
11           </div>
12           <div className="col">
13             <h2 className="text-center">
14               <u>
15                 <b>{props.title}</b>
16               </u>
17             </h2>
18             <h5 className="text-center pb-4">{props.plot}</h5>
19             <Create />
20           </div>
21         </div>
22       </section>
23     </div>
24   );
25 }
26
27 export default Movies;
```



# PROMINEO TECH

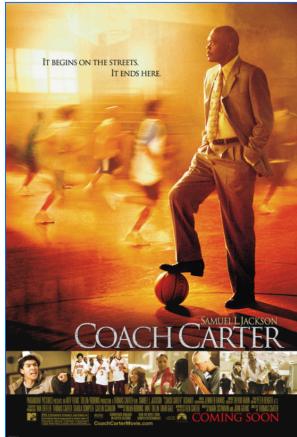
```
1 import React from "react";
2 import Movies from "./Movies";
3
4 import CoachCarter from "/Users/kyoazumaya/Desktop/bootcamp_assignment/movie-review/src/coachcarter.jpg";
5 import GloryRoad from "/Users/kyoazumaya/Desktop/bootcamp_assignment/movie-review/src/gloryroad.jpg";
6 import SpaceJam from "/Users/kyoazumaya/Desktop/bootcamp_assignment/movie-review/src/spacejam.jpg";
7
8 const listOfMovies = [
9   {
10     title: "Coach Carter",
11     plot: "Controversy surrounds high school basketball coach Ken Carter after he benches his entire team",
12     image: CoachCarter,
13   },
14   {
15     title: "Glory Road",
16     plot: "In 1966, Texas Western coach Don Haskins led the first all-black starting line-up for a college basketball team to victory in the NCAA Final Four",
17     image: GloryRoad,
18   },
19   {
20     title: "Space Jam",
21     plot: "In a desperate attempt to win a basketball match and earn their freedom, the Looney Tunes seek help from Michael Jordan",
22     image: SpaceJam,
23   },
24 ];
25
26 function MoviesList() {
27   return (
28     <div>
29       {listOfMovies.map((list, index) => {
30         const { image, title, plot } = list;
31         console.log(image, title, plot);
32         return (
33           <Movies
34             key={index}
35             image={list.image}
36             title={list.title}
37             plot={list.plot}
38           />
39         );
40       })}
41     </div>
42   );
43 }
44
45 export default MoviesList;
46
```

```
1 import React from "react";
2 import { useState } from "react";
3
4 const Create = () => {
5   const [review, setReview] = useState("");
6   const [reviewValue, setReviewValue] = useState([]);
7   const [stars, setStars] = useState("");
8   const [starsValue, setStarsValue] = useState([]);
9
10  const createReview = (event) => {
11    event.preventDefault();
12
13    setReviewValue([...oldArray, review]);
14    setStarsValue([...oldArray, stars]);
15  };
16
17  return (
18    <div className="container">
19      <form>
20        <label>What is your rating out of 5?</label>
21        <select
22          className="form-control"
23          id="rate"
24          value={stars}
25          onChange={(event) => setStars(event.target.value)}
26        >
27          <option value="1 Star">1</option>
28          <option value="2 Stars">2</option>
29          <option value="3 Stars">3</option>
30          <option value="4 Stars">4</option>
31          <option value="5 Stars">5</option>
32        </select>
33        <div className="form-group">
34          <label>Please leave your review here:</label>
35          <textarea
36            className="form-control"
37            rows="3"
38            value={review}
39            onChange={(event) => setReview(event.target.value)}
40          ></textarea>
41          <button className="btn btn-primary" onClick={createReview}>
42            Submit
43          </button>
44          <label>Reviews:</label>
45          <ul>
46            {reviewValue.map((arrayElement, i) => {
47              return (
48                <li key={i} pt-2>
49                  {` `}
50                  {starsValue[i]} {arrayElement}
51                </li>
52              );
53            })
54          </ul>
55        </div>
56      </form>
57    </div>
58  );
59}
60
61 export default Create;
62
```



## Screenshots of Running Application:

### Basketball Movies Review



#### Coach Carter

Controversy surrounds high school basketball coach Ken Carter after he benches his entire team for breaking their academic contract with him.

What is your rating out of 5?:

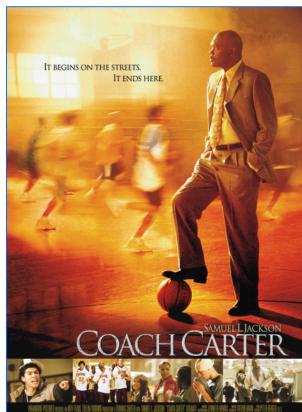
1

Please leave your review here:

Reviews:

**Submit**

### Basketball Movies Review



#### Coach Carter

Controversy surrounds high school basketball coach Ken Carter after he benches his entire team for breaking their academic contract with him.

What is your rating out of 5?:

5

Please leave your review here:

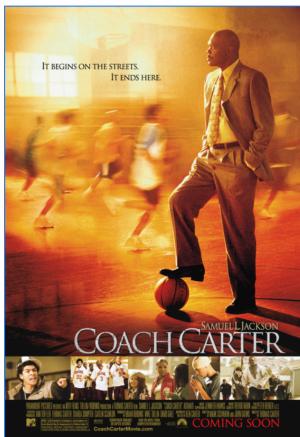
This movie is great!

Reviews:

- 5 Stars This movie is great!

**Submit**

### Basketball Movies Review



#### Coach Carter

Controversy surrounds high school basketball coach Ken Carter after he benches his entire team for breaking their academic contract with him.

What is your rating out of 5?:

5

Please leave your review here:

This movie is inspiring!

Reviews:

- 5 Stars This movie is great!
- 5 Stars This movie is inspiring!

**Submit**



# PROMINEO TECH

**URL to GitHub Repository:**

<https://github.com/KyoAzumaya/movie-review.git>