PROMINEO TECH

Web App Design with React Week 14 Coding Assignment

Points possible: 75

URL to GitHub Repository:

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 "./styles.css";
 3   import Moviecard from "/src/components/moviecard.js";
 4   import movies from "/src/movies.js";
 5
 6   function createMovie(movies) {
 7     return (
 8       <Moviecard
 9         title={movies.title}
10         img={movies.imgURL}
11         genre={movies.genre}
12         rating={movies.rating}
13         year={movies.year}
14         synopsis={movies.synopsis}
15         score={movies.score}
16     />
17   );
18 }
19
20 function App() {
21   return (
22     <div className="container">
23       <h1 className="heading">Rate a Movie</h1>
24       {movies.map(createMovie)}
25     </div>
```

```
27 }
28
29 export default App;
30
```

```
1   import React from "react";
2   import { useState } from "react";
3   import ReactDOM from "react-dom/client";
4   import { Button, Comment, Form } from "semantic-ui-react";
5
6   function AddComment() {
7     const [comment, setComment] = useState("");
8
9     const handleSubmit = (event) => {
10      event.preventDefault();
11      alert(`The comment you entered was: ${comment}`);
12    };
13    return (
14      <Comment.Group>
15        <Comment>
16          <Comment.Content>
17            <Comment.Actions>
18              <Comment.Action active>Comment</Comment.Action>
19            </Comment.Actions>
20            <Form onSubmit={handleSubmit}>
21              <Form.TextArea />
22              <Button
23                content="Add Comment"
24                labelPosition="left"
25                icon="edit"
```

```
26              primary
27            />
28          </Form>
29        </Comment.Content>
30      </Comment>
31    </Comment.Group>
32  );
33 }
34
35 export default AddComment;
36
```

```
1   import React from "react";
2   import AddComment from "/src/components/comment.js";
3
4   function Moviecard(props) {
5     return (
6       <div className="card">
7         <h2 className="name">{props.title}</h2>
8         <div className="left">
9           <img className="img" src={props.img} alt="movie poster"
10        </div>
11
12        <div className="right">
13          <p className="attributes">{props.genre}</p>
14          <p className="attributes">{props.rating}</p>
15          <p className="attributes">{props.year}</p>
16          <p className="attributes">{props.synopsis}</p>
17          <p className="attributes">{props.score}</p>
18          <AddComment />
19        </div>
20      </div>
21    );
22  }
23
24  export default Moviecard;
25
```

```
 1   import { StrictMode } from "react";
 2   import { createRoot } from "react-dom/client";
 3   import App from "./App";
 4
 5   const rootElement = document.getElementById("root");
 6   const root = createRoot(rootElement);
 7
 8   root.render(
 9     <StrictMode>
10       <App />
11     </StrictMode>
12   );
13
```

```
 1   const movies = [
 2     {
 3       id: 1,
 4       title: "About a Boy",
 5       imgURl:
 6         "https://m.media-amazon.com/images/M/MV5BMTQ2Mzg4MDAzNV5BMl5BanBnXkFtZTgwMjcxNTYxMTE@._V1_.jpg",
 7       genre: "Comedy/Drama",
 8       rating: "PG-13",
 9       year: "2002",
10       synopsis:
11         "A cynical, immature young man is taught how to act like a grown-up by a little boy.",
12       score: "3.6"
13     },
14
15     {
16       id: 2,
17       title: "About Time",
18       imgURl:
19         "https://m.media-amazon.com/images/M/MV5BMTA1ODUzMDA3NzFeQTJeQWpwZ15BbWU3MDgxMTYxNTk@._V1_.jpg",
20       genre: "Comedy/Drama",
21       rating: "R",
22       year: "2013",
23       synopsis:
24         "At the age of 21, Tim discovers he can travel in time and change what happens and has happened in hi
25       score: "3.9"
```

```
26      },
27
28      {
29        id: 3,
30        title: "No Escape",
31        imgURL:
32          "https://m.media-amazon.com/images/M/MV5BMjE0MDI3NTE5NF5BMl5BanBnXkFtZTgwNzI3ODM2NjE@._V1_.jpg",
33        genre: "Action",
34        rating: "R",
35        year: "2015",
36        synopsis:
37          "In their new overseas house, an American family soon finds themselves caught in the middle of a coup
38        score: "3.4"
39      }
40    ];
41
42    export default movies;
43
```

```css
1  .heading {
2    text-align: center;
3  }
4
5  .img {
6    width: 20px;
7    height: 40px;
8  }
9
10  .container {
11    float: left;
12    padding: 10px;
13  }
14
```

Screenshots of Running Application:

Rate a Movie

About a Boy

☐movie poster

Comedy/Drama

PG-13

2002

A cynical, immature young man is taught how to act like a grown-up by a little boy.

3.6

Comment

Add Comment

About Time

☐movie poster

Comedy/Drama

R

2013

At the age of 21, Tim discovers he can travel in time and change what happens and has happened in his own life.

3.9

Code Sandbox Link: https://codesandbox.io/s/staging-mountain-dmum6b?file=/src/styles.css

GitHub url: https://github.com/alexlaurencarey/week-14-coding-assignment.git