# Web App Design with React Week 2 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 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:
   1. MovieList – a container for all the Movie components and their data.
   2. Movie – a component that represents movie data (i.e. image, synopsis, rating, etc…)
   3. 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!)
   4. ReviewList – a container inside of a Movie that houses Review components.
   5. Review – A text review a user can leave on a movie.
   6. 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.

**Notes:** The app is almost complete, but the review form still needs some tweaking. Nothing happens when you click submit, so the new reviews are not added to the movie array. However, I’ve been working on the code all week (React is a big state change \*haha\* from what we’ve been learning), and I wanted to turn in what I have before the due time. I will resubmit if/when I get it working. Thanks.

**Screenshots of Code:**

INDEX.HTML

**Text

Description automatically generated**

MOVIE.JS**Text

Description automatically generated**

**Text

Description automatically generated**

MOVIEARRAY.JS**Text

Description automatically generatedGraphical user interface, text

Description automatically generatedText

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MOVIELIST.JS**Graphical user interface, text

Description automatically generated**

REVIEWFORM.JS**Graphical user interface, text, application

Description automatically generatedText

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INDEX.CSS**Text

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INDEX.JS**Graphical user interface, text

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**Screenshots of Running Application:**

**Graphical user interface, website

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Description automatically generatedGraphical user interface

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**URL to GitHub Repository:** <https://github.com/XanderWitch/blockbuster-or-bust>