# Web App Design with React Final Project

Janell Robisch

**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 an online API of your choice, or multiple APIs (or if no API can be found, using an array for in-memory storage is okay as well), create a React project of your choice. You will be working on this for the next three weeks.
2. Project must meet the following criteria:
   1. Use React Router and have at least 3 pages
   2. Use React Bootstrap or an alternative styling library
   3. Contain at least 10 components
   4. Allow for all CRUD operations

**Screenshots of Code:**

ReadMe

**Text

Description automatically generated**

index.htmlText

Description automatically generated

manifest.jsonGraphical user interface, text, application

Description automatically generatedlogo

Graphical user interface, application, Teams

Description automatically generated

CreateResources.js

Text, application

Description automatically generatedText

Description automatically generatedText

Description automatically generatedText

Description automatically generated

ReadResources.jsText

Description automatically generatedText

Description automatically generatedText

Description automatically generatedText

Description automatically generatedGraphical user interface, text, application

Description automatically generated

Checklist.jsText

Description automatically generatedText

Description automatically generatedText

Description automatically generatedText

Description automatically generatedFooter.jsGraphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

HomePage.jsText

Description automatically generated

Navbar.jsA computer screen capture

Description automatically generated with medium confidenceText

Description automatically generatedText

Description automatically generatedText

Description automatically generatedText

Description automatically generated

SelfPubCompanies.jsText

Description automatically generatedGraphical user interface, text

Description automatically generated

SPCArray.jsGraphical user interface, text, application

Description automatically generatedGraphical user interface, text

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Image List (individual images not pictured)Graphical user interface, text, application

Description automatically generated

App.jsText

Description automatically generated

index.css

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text, application

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Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, text, application

Description automatically generated

index.jsGraphical user interface, text, application

Description automatically generated

package.json

Graphical user interface, text, application

Description automatically generated**Graphical user interface, text, application

Description automatically generated**

**Screenshots of Running Application:**

Home Page with clickable linked masonry elements

**Graphical user interface

Description automatically generated**Graphical user interface, website

Description automatically generated

Home page footer

Graphical user interface, application, Word

Description automatically generated

Responsiveness Demo

Graphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generated

Resources PageGraphical user interface, application, Teams

Description automatically generated

Resources footerGraphical user interface, application

Description automatically generated

Add ResourceGraphical user interface, application, Teams

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

Delete ResourceGraphical user interface, application, Teams

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

Update Resource Graphical user interface, application, Teams

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application, Teams

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Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application, Teams

Description automatically generated

Checklist pageGraphical user interface, text, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, text, application, email

Description automatically generated

Checkbox demoGraphical user interface, text, application

Description automatically generated

**URL to GitHub Repository:** <https://github.com/XanderWitch/self-pub-axis>