Web App Design with React Week 3 Coding Assignment

**Points possible:** 70

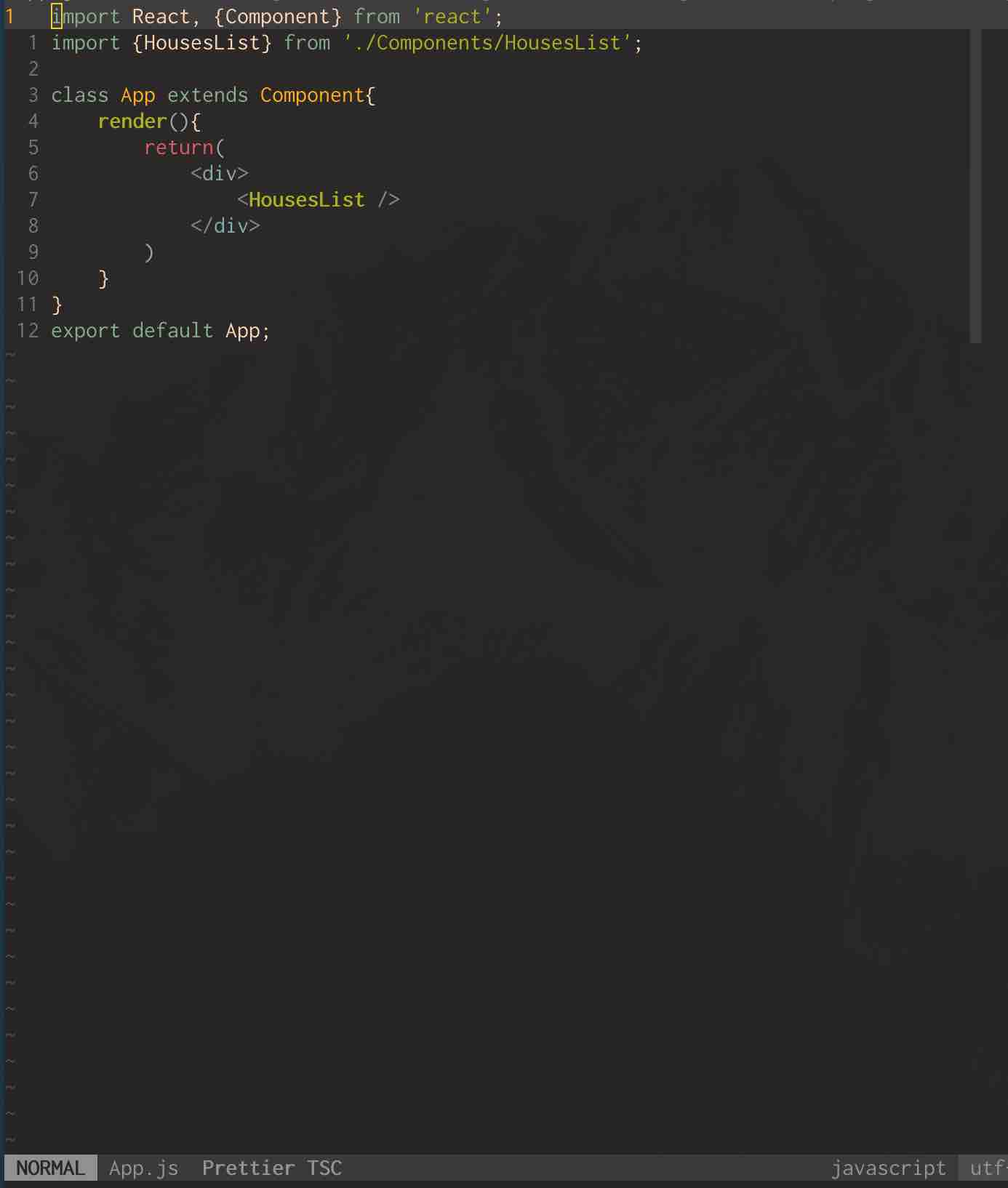
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| **Category** | **Criteria** | **% of Grade** |
| **Functionality** | Does the code work? | 25 |
| **Organization** | Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise 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 the Houses API, or any open API of your choice you can find online, create a single page that allows for all 4 crud operations to be performed on a resource from that API. Create a React component (or more, if needed) to represent the resource. Make all forms and other necessary UI pieces their own components as reasonable.

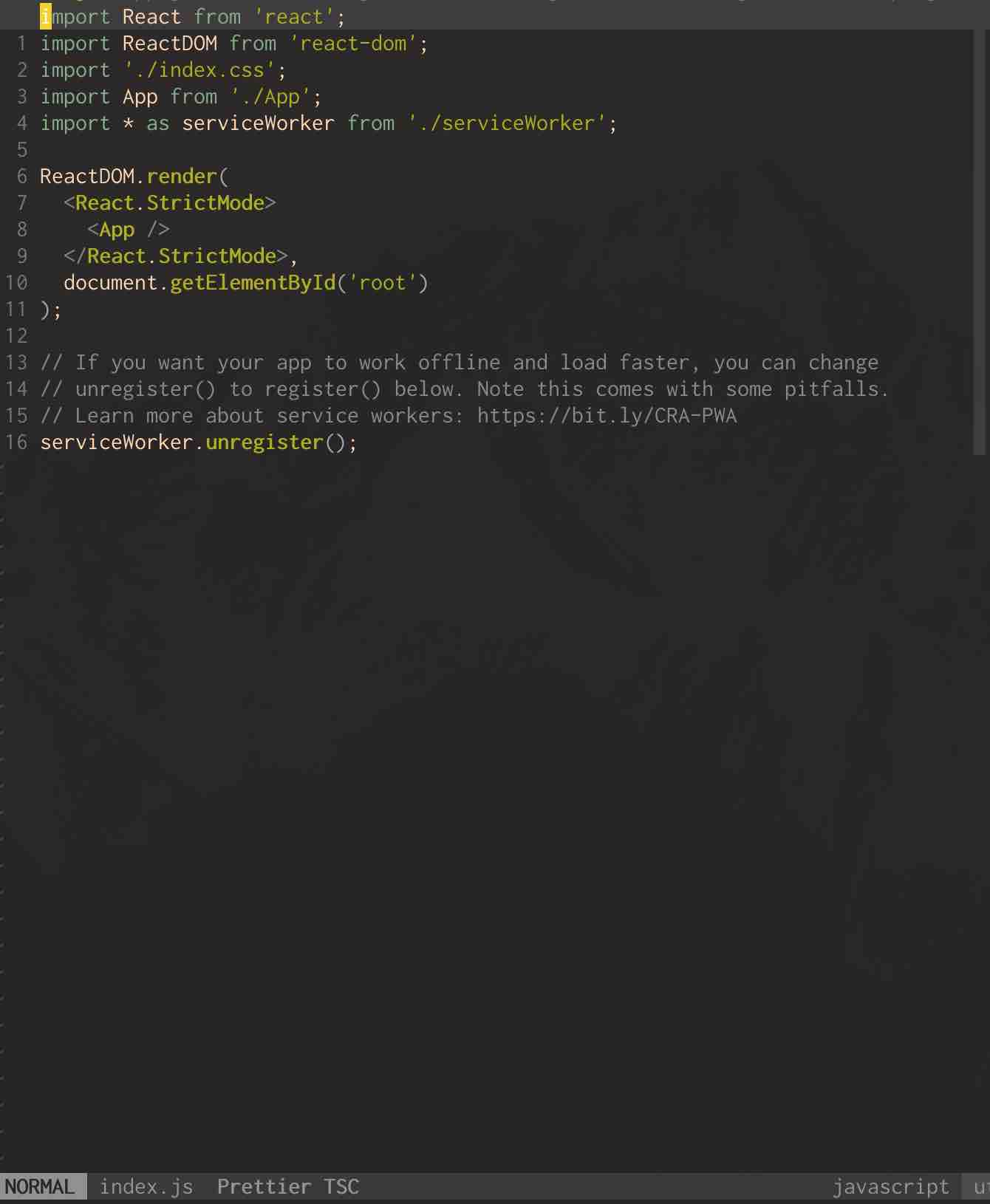
**Screenshots of Code:**

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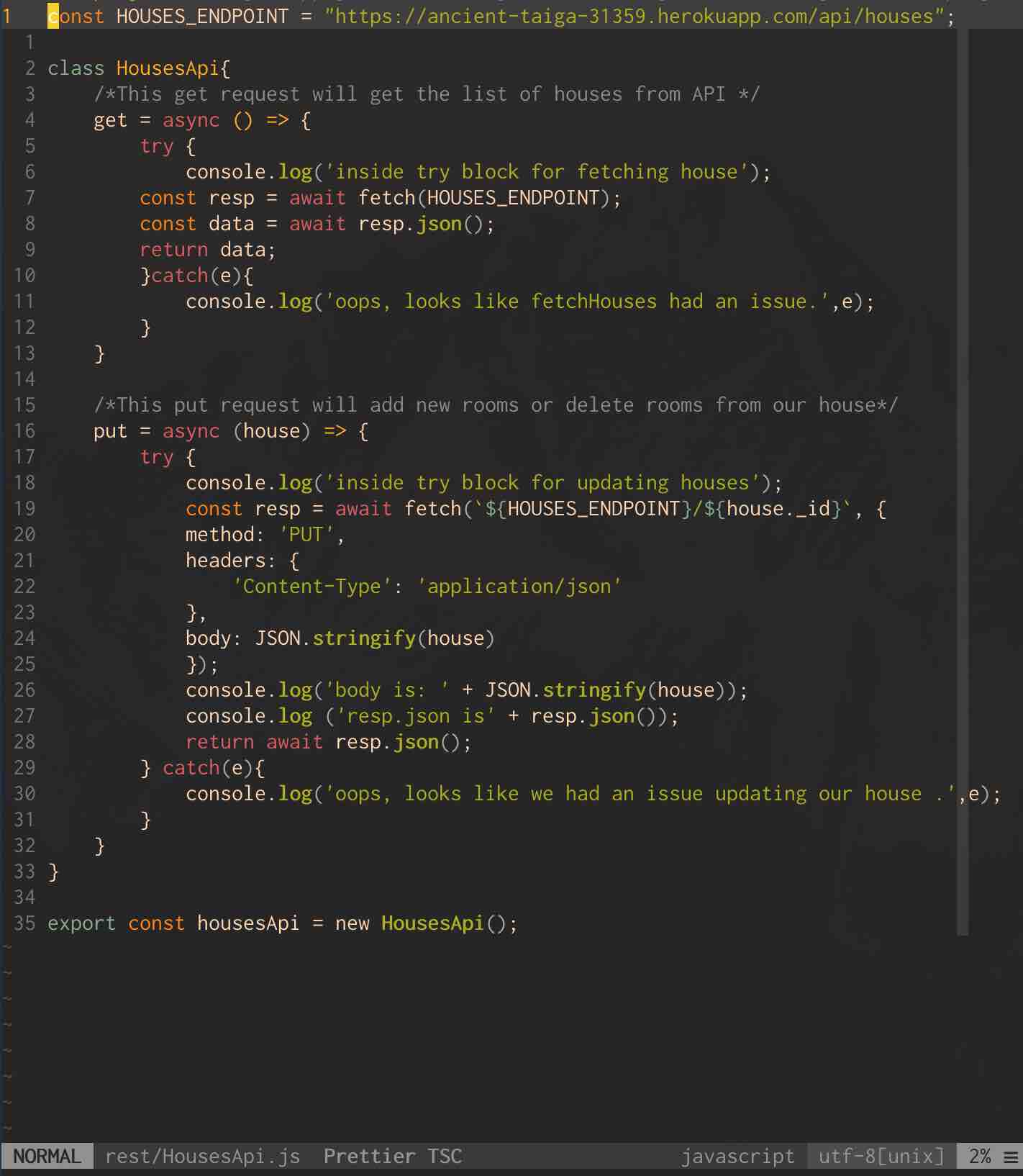
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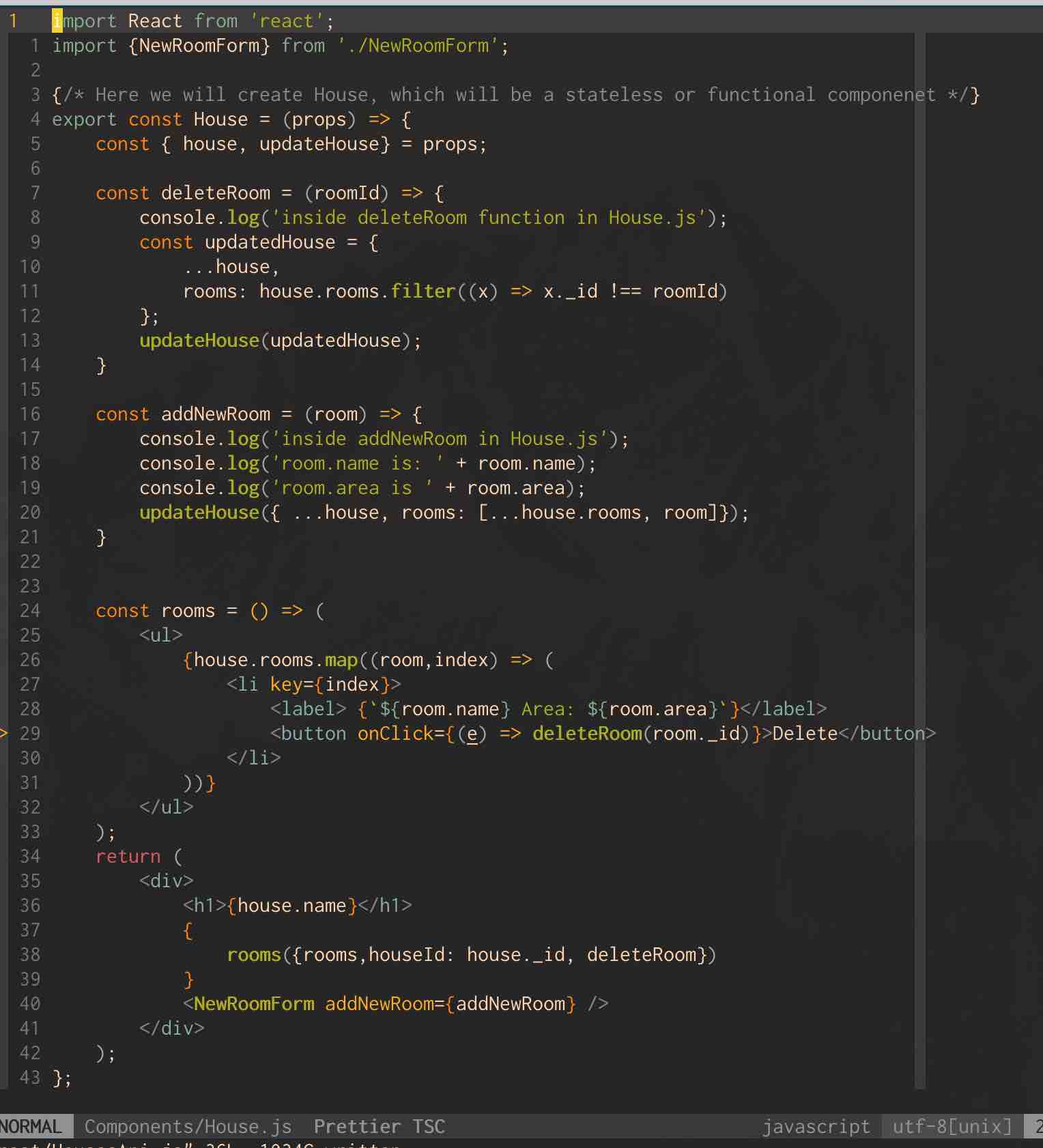
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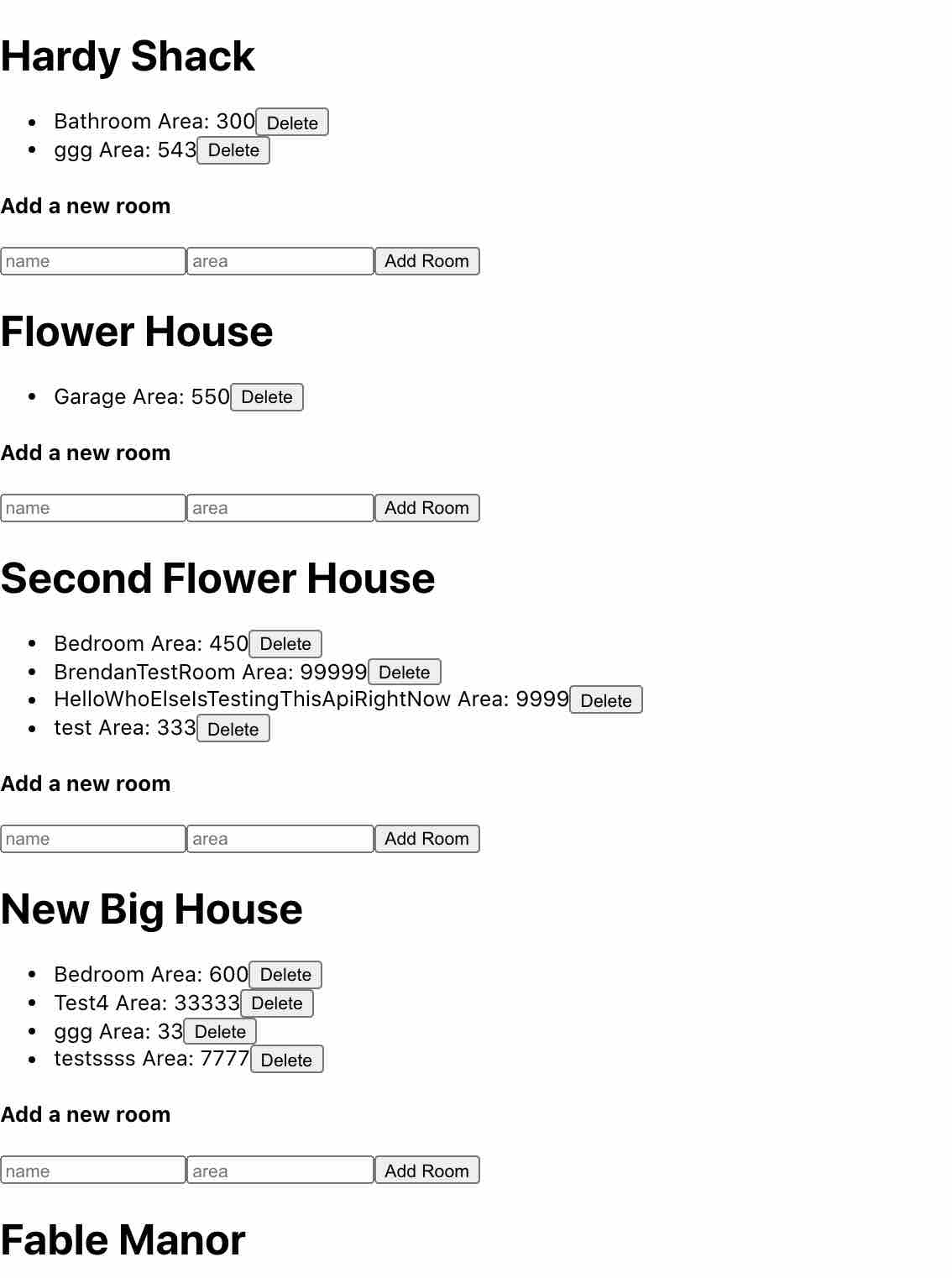
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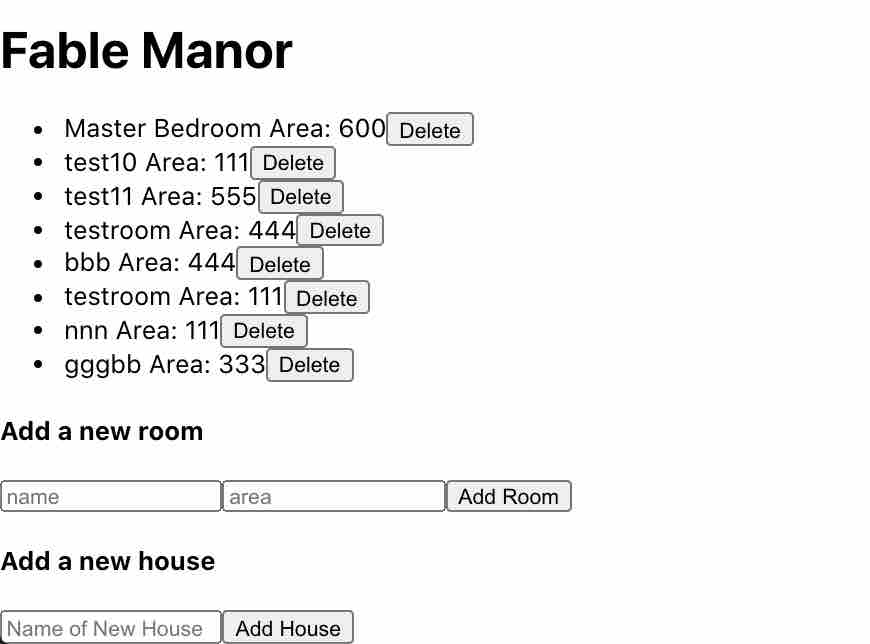
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**Screenshots of Running Application:**

I was able to get the add room and delete room functionality working. I couldn’t get the add new house functionality fully working. I was able to add a new button to get the input for a new house, and I could output that value to to the console, but I couldn’t make the leap to getting that back into the API. I tried to mimic what the new room function did, but couldn’t fully get it. I’m getting better at React but still need more practice.

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**URL to GitHub Repository: https://github.com/blentz100/Week3React**