Design Document

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Justification for the front-end framework of choice:

According to the research I made, React.js is easier to be learned for beginner developers. One of the main concerns developers have is choosing a framework (or library) that is not confusing and can be implemented in a way the learner can understand it. React is easy to grasp for developers who are familiar with Javascript. However, even if I am not that good in Javascript, React can be the right place to start my learning process. Unlike Angular, React holds a smooth learning curve.

In React, your application comprises of components. Ideally, it is started by building small components like buttons, checkboxes, dropdowns, menus, etc. and create wrapper components around these smaller components. And as going on writing the higher level wrapper components, a single root component and several hierarchical components are created. Now, here’s a no brainer: each component in React has its own logic, so the component may be re-used.

I tried to make test projects using the three frameworks: React.js; Vue.js and Angular.js, and after experiencing the work with them, I realized that it would be more convenient for my project to use React.js. Not only is it more understandable for a beginner with this frameworks, but the error that occur while implementing a code, happen to be found more often on the internet. Also, I chose React.js because the versions are updated automatically while the ones of Angular are done manually which will waste more time.