

## Vue + Vuex + Vuetify

Vue is a popular JavaScript Frontend framework, for building web apps. Like other frontend libraries/frameworks such as React and Angular, it's key benefits are:

- Allows you to modularize your app as a set of re-usable components
- Vue's use of reactivity, computed properties and watchers, allow it to automatically update only parts of the interface that change, making it efficient
- Use IF and FOR loops to conditionally render parts of the page, or generate them in a loop
- Simplify event handling

Vuex is a shared state management library for Vue. Vue's focus on modularizing the app to a set of components works very well to keep functionality alongside display code.

Vuetify is a component library that implements Material Design. Some alternatives to Vuetify are: Bootstrap, Vue Material