

Scenario

You've been tasked with creating a new version of an application used by product administrators to manage settings and display data about user activity and information. The current version was written using jQuery but grew organically, and it's become hard to maintain and add new features to it. It's a medium-sized application, with multiple views displaying a lot of data and forms.

Recommendation

React framework since the application's scale and scope is medium-sized. The app will be easier to maintain and increase in complexity as React is appropriate for heavy-loaded and dynamic software solutions since it has its virtual DOM, which ensures faster rendering of views.

Scenario

You've been asked to build a new piece of your company's web application. The existing application consists of several sub-applications served independently under different routes by an Express server, which allows for different technologies and frameworks to cohabit. You'll be building what is essentially a huge table that will display hundreds of thousands of data records.

Recommendation

Angular framework as it is amazingly fast, even for big applications like in this scenario where it contains a large amount of sub-applications.

Scenario

Your designers have tasked you with creating a prototype for a standalone application to be used internally by your product team. The application will showcase the product team's design system (colors, components, fonts, styling, etc.).

Recommendation

Vue.js as it is built exactly for this scenario, more suited to rapid prototyping of a small app.

Advantages of using React for MyFlix

1. Sustainable. MyFlix is a medium scale with a defined structure and framework from the start with the potential to increase.
2. React can be used for both web and mobile applications.
3. It is user friendly and straightforward to work with. Since I will develop the app alone, choosing a framework that is well documented and used by a big community of developers is handy for troubleshooting for example.
4. As it is a popular framework, it would be good for my portfolio.