

Why we chose our technology stack for our Web App Prototype.

1. We decided to use React. It is the most popular front-end framework and easy to connect with the backend. Working with React, we can understand everything as JS, so the operation is much less bound. In addition, the components provide a variety of nesting methods so that development becomes much smoother. We chose React over other frontend frameworks like Angular because Angular is written in TypeScript and we weren't as familiar with it, so we chose React instead.

2. Another one is Express.js framework. It makes designing applications quickly and easily. Because Express.js works on JavaScript, it is relatively easy to build APIs and web applications on top of it without putting any extra effort into it. Also, Express.js can identify errors in specific Web application components, making debugging easier. We chose Express.js over other backend frameworks like Django because one of our group members was more familiar with Express.js and we figured it would make more sense to keep everything in JS as opposed to using Python with Django.