

*A document explaining why you chose the technology stack that you are demonstrating; I'd like the team to consider a minimum of two technology stacks (Node, Django, etc). Describe the process and reasoning the team used to select the stack, and explain why you chose it over the other. The doc should be added to your 'docs' folder on github.*

One technology stack that our team was considering was Node.js, ExpressJS, React, and MongoDB. This is because most members of our team are familiar with JavaScript and having one common language between frameworks can prevent technical debt in the form of on-ramping. An advantage of using Node for our backend is the variety of packages we can use. Furthermore, it is a lightweight engine that can easily handle a load of our size.

One of the other technology stacks we have considered is the above but with Node.js replaced with Flask. However, we have decided to not go on with it for several reasons. First, our program is not very compartmentalized and we do not plan for much experimentation, as such, Flask can be considered "overengineering" to an extent. As we are writing a small application with everything planned in advance; there are more suitable tech stacks such as the aforementioned one above. Additionally, since Flask is quite minimal, it can cause issues down the line if we were to expand our project. Lastly, Flask requires team members to pick up Python syntax as well as Jinja templates and more leading to a more difficult task.