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Technology Stack

Database: MongoDB
Backend: Express.js
Frontend: Angular/React (Eventually js)
Server Hosted: Node.js

We picked our stack based on how well everything would interact together. Everything in the stack listed above all interact with each other really well, as stated in the lecture slides, and have lots of built in compatibility, partly due to the incorporation of native JSON objects, and also since they're all mainly JavaScript. Originally, we were thinking of using Python for the backend and part of the front end simply because majority of us knew Python well and it would be simpler; however, we decided on Express.js because it integrates all the parts of the software together more easily and efficiently. For the frontend, we also considered HTML because we wanted to keep it simple as opposed to getting caught up in figuring out something else, deterring us from putting more time into the idea and goals of the project itself; however, when we thought about what we wanted our web app to look like in the end, we realized we should use something else that had a broader range of capabilities that could produce more visually appealing results.