

When deciding between Node JS and Django, we put into consideration that we chose to do our project in Python, which ultimately led us to choose Django because

- Django is a high-level Python framework that provides pre-built components, so development time is faster. We are sacrificing flexibility to code from scratch for development time, as we believe our functionality is more important for this app. Also, we have to deliver work under timelines.
- Due to Django being open source, not only is it more efficient, it is more cost-effective (development-wise).
- Django, using Python as a language, is also more secure than Javascript, which is the language for Node.js. Because we have our users logging in to our application from a third party account, security is a main priority.
- Django follows the MTV model template view whereas Node.js is a runtime environment which works on an event-driven model. Django following the MTV model template helps us with handling data for validating and interacting.

Sources:

<https://www.tivix.com/blog/django-vs-node-js>

<https://realpython.com/get-started-with-django-1/>

<https://www.upgrad.com/blog/django-vs-nodejs-difference-between-django-and-nodejs/#:~:text=Node%20JS%20is%20based%20on,real%2Dtime%20and%20more%20quickly>