

Our tech stack:

Frontend

HTML + CSS + JS

Backend

Express + NodeJS + Firebase

We chose our frontend tech stack because we found that our project did not need to be very fancy in terms of its display and user experience. We also found that the DX (developer experience) would be much better if we stuck to the basics in terms of web development as our project is not very extensive in terms of its features. In short, we kept it simple. We could have chosen a framework like React, but we found it was too complex for our application as there really is not a need for dynamic SPAs

However, our backend tech stack is more complicated in that we used Express for the REST API which we found is a good middle ground for small-mid sized projects which we believe our project is. We also found that nodeJS would be the backend technology of choice because it allows us to keep all of our logic code in the same language for ease of use. We are also considering Firebase as the database and user authentication scheme because of its simplicity and scalability of use. We chose NodeJS over Django because of the aforementioned reason of consolidating all the languages together; coding in python and javascript can become complex and bad for DX.