For our project, we’re using a React and javascript frontend, Django and python for the backend and SQLite for the database.

The reason we picked React as our frontend is because it allows us to easily customize the UI to what we’ve designed and compared to a HTML frontend, is more flexible, looks better and allows for a more recyclable component design. Plus, one of our members has experience with it.

None of us have too much experience with either Flask or Django so we decided to go with a Django framework as our backend since it automatically integrates an SQLite database which is easier to setup for a group project. Since in SQLite, the database doesn’t need another component, such as a server, to connect to the backend to the database, it’s easier to run on our individual devices and no external MySQL server or the like is needed to run the web app.