2. A document explaining why you chose the technology stack that you are demonstrating; I’d like to know if you considered other stacks, and the process you used to choose the stack for the prototype. The doc should be added to your ‘docs’ folder on github.

Our team has decided to use MEAN as our technology stack for our project. It is a popular stack nowadays, and the language uniformity throughout the entire stack was very appealing to us. Another benefit is that MEAN is mobile-friendly and has the flexibility to be used in other platforms, not only Microsoft. Our team members have decided that we would like to learn something new that is current and will possibly be used in future jobs or job searches.

We have also considered the possibility of using these other stacks: MERN, LAMP, Ruby, Django, and Bitnami DevPack. Although LAMP is one of the earliest stacks that have been used and is attractive because it uses open-source software, since no uniform language is used throughout the stack, we have decided not to use it to prevent against potential errors that we may not be able to solve. The Bitnami-hosted stacks (Ruby, Django, Bitanmi DevPack) are focused on a cloud-based library, which also allows us to use our app on the server or on the cloud. Since we are focusing to put our app on the server, we do not need to be using a cloud-based stack.

Originally, we had considered using Python with Flask as our programming language and server library since we had experience with it, but because we would like to expand our knowledge to a currently popular stack type, we have chosen to use the MEAN stack for our project.

MEAN: MongoDB/Express.js(server library)/AngularJS(front-end)/Node.js(app)