CS411 A1 Team 1

Project 3: Stack Choice Analysis

We decided to use the MEAN stack for developing our application. We will use MongoDB for our database, Express for the web app development, and Node for the back end, Since our application is simple and doesn’t have major performance requirements, we selected our development environment based on the learning opportunity it would provide as well as our team’s collective experience. All of our team members had experience with JavaScript, and those of us with less experience were looking to sharpen our skills. The MEAN stack allows us to use JavaScript on both the client and server side—which means more simplicity and more opportunity for practice. Additionally, we thought developing with Node/Express would be good because it is popular in the industry. All team members have experience with MongoDB from previous courses, and both MongoDB and Node are easily compatible with the JSON stored data we’ll be working with. We considered using Python/Flask, but ultimately decided we wanted to stay away from Python since we’ve used it so much for previous courses.