This project was a great learning experience for me. Prior to this class, I had experience using PHP and Javascript, but no experience using a fast development framework in PHP. We used three frameworks for our project: CodeIgniter, DataTables, and Twitter Bootstrap. CodeIgniter is a MVC framework. DataTables allowed us to create interactive, attractive tables easily. Twitter Bootstrap is a HTML/CSS framework that makes creating user interfaces simple. When we got all of the frameworks working properly, coding the project was still challenging, but I could avoid all of the nuances of designing web pages and AJAX callback functions and focus on the logic. Focusing on the logic saved me countless hours of programming for this project.

The topic for the project was a change from previous projects I have done in class and at work. Usually, the projects I work on have something to do with computer science or are trivial in their implementation. The dataset we were given for this project was anything but trivial. I was able to learn about actually designing a database from scratch instead of copying one from existing data.

Overall, working with Dan and my group members was a fun and educational experience.