C-PLOP Experience Report
Team Data Makers

Andrew Katz
I really enjoyed the project this quarter, as it was a chance to apply past knowledge of web applications to a new domain. The implementation of the project in PHP and MySQL was something I had done in the past, but I was able to implement something new with the original design of the XML importer, which I wrote in Java. Despite some of the implementation not being new to me, it wasn't boring because I love doing these kinds of projects. Even better, I was able to learn better design practices for future projects.

Sean Glover
The project this quarter was very interesting to me, as I love biology and DNA sequencing and similar fields of study. The database design was a good real world problem and it was nice to work through it and actually implement it in a usable way. The hardest part was probably deciding how to fit the use cases into the application. The easiest part was actually implementing things once it was decided how to do it.

Michael Van Beek
I really liked the project as a holistic way of learning database applications. Learning php was an initial struggle, but I'm glad we did. Some instruction on basic php would have been nice, but it is easy enough to find out online. I wish we started the web development earlier; it felt like we spent a long time on the database design.

Karina Cordon
The project for this quarter was pretty interesting to me. Initially, I wasn't interested in the project, but I eventually realized how this would be a really useful application for researchers. I enjoyed learning about how the database design modeling worked, especially needing to interact with clients and fitting the project to their needs. Implementing the project through a website was fun to do. Personally, I've been interested in learning about web development and using online databases, so I'm glad that I was finally able to learn how to do so through a class project. It was nice to be able to see an actual website working also, rather than seeing all of our queries and table results through the terminal. The project was challenging enough. I only knew basic HTML, CSS, some PHP, and SQL and through working on this project, I was able to learn new skills, working with more PHP, some Ajax, and MySQL.

Stephanie Sun
The database software this quarter was decent and interesting. I learned how to use a web
scripting language called PHP and a little more of HTML to design a web-based application for the pyroprint library. The easiest part of this project was to use database connectivity to access mysql database machine and "indirectly" manage the data in it with SQL language. The formatting of the user interface was decent. The hardest part of this project was to understand the operation and implementation of this web-based software according to its use cases. Also, I had difficulty understanding the input of the XML files into the software since I need to import them for some use cases. If only there was time to learn about XML and web development.