Team Harmonic Code Review:

Team Harmonic is working on a music collaboration application. The purpose of the software is to divide songs up into components, and provide an intuitive search feature that lets the user find the songs he is looking for. They have created a WebApp using the PHP coding standard. On the page, there is a user login and password box. Each user has their own personal settings which can be accessed after login. From our brief use of the software, the basic features seemed to be working, and the GUI was clear and user-friendly. Some improvements could be to display the username on the page after the user logs in. Also, there could be more search filters – which is not hard to do, but will greatly expand the power of the search feature. The code could include more comments, as it is difficult to follow for someone without knowledge of PHP. Finally, we looked at the domain model diagram, and found that it is descriptive and accurately matches the code.

Our Code Review:

At the time of the code review we didn’t have any finished code to show besides computer generated GUI code, so instead we described the structure of our software and the functionality. We explained the concept of our stock prediction application, and well as the structural design. The algorithm design toolkit was explained, as was the conversion of algorithms to the Python language. We mentioned how some algorithms come packaged in, while others can be downloaded or created by the user. There was a question about the database of stocks we are drawing from, and we explained our stock scraper which gathers relevant information from the database. Finally, they mentioned that our diagrams describe the software accurately.