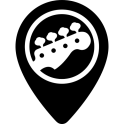
**COMP 4513: A4 Personal Reflection**

**Tyler Rop**

**Project Development**

While developing our web application [BandTracker](http://wpress.bandtracker.ca/), there were many ups and downs, and it was no easy task. I am very proud and happy with the piece of software that we created considering all of our time constraints, programming abilities and other educational, work, and personal constraints.

We were not able to truly start working on the project as early as I would have liked (when we initially received), but I am very satisfied with how we planned out project and took it one step at a time. In the beginning of the project we fleshed out our goals, ideas, data sources, and more for [BandTracker](http://wpress.bandtracker.ca/). This allowed us to define a reasonable scope for the project, make it scalable, and simply think out what we wanted to create. Various parts of the project and roles were also delegated to the four group members which assisted us in knowing who should work on specific elements of the project. It was very worthwhile for us to know what we wanted out of our end product and to plan out our database and resources for our web crawler (which was enhanced in an agile process). Knowing that we wanted to have Artists, Genres, and Events in [BandTracker](http://wpress.bandtracker.ca/) in some fashion was very beneficial, as we always had the end goal in sight. Knowing what we wanted instead of aimlessly trying to stumble around with some kind of data manipulation method was helpful in guiding us to our initial project completion.

We also spend time to learn how to work with WordPress as a content management system before we attempted to integrate our crawled data into our various page types. As I researched WordPress I discovered more of how we should use it as a tool. It helped me to know that we should have our data and posts be put into WordPress itself so that we could reap the benefits of all of the great out of the box features that it provides. This was a hill for myself and the rest of the group to climb, and it slowed our development and make the project seem overwhelming for a time. Once I was able to understand WordPress and know what I wanted to use from its toolset (plug-ins to create multiple custom post types, putting our data into the wp\_posts table, customizing various plug-ins to be tailored to our needs, overwriting template files, etc.), our pace of development increased exponentially and we were able to develop and create the web application that we wanted to.

**Group Work**

Overall, I am quite satisfied with how my entire group worked on the project. For the most part, each member of the group completed exactly what they were assigned and worked diligently at the project. There was a not a complete perfect balance of the workload (as would be preferred), but that it a reality of real world work that we understand and worked with. All members of the project provided valuable skills, insights, and abilities that assisted is the creation of [BandTracker](http://wpress.bandtracker.ca/).