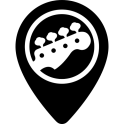
**COMP 4513: BandTracker Summary**

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**Summary**

The primary idea behind our web application [BandTracker](http://wpress.bandtracker.ca/) was to create a web application that people could access from any modern web browser on laptops, tablets, and smartphones so that no matter where a person is, they can use BandTracker to find up to date biographical, social, and of course touring information about both modern and historical bands. The key focus is for users of BandTracker to be able to find their favorite bands, see where they are touring, and be more informed. Having genre sorting and event pages were an important aspect that we feel compliments the focus on musical Artists. We also wanted to tie in various interactive points for BandTracker users, so we ensured that our Google Maps integration for showing event was more than just pins on a map, and we added in social media integration through Instagram photo streaming, a Twitter widget for tweets about touring, Facebook liking and sharing, and a comment system on all Artist, Genre, and Event pages in BandTracker.

**Front End**

We chose to keep using the WordPress (WP) theme Enigma for BandTracker as we liked the minimalistic style it has, as well as the fact that it is based on Twitter’s Boostrap which we all have experience with so it was fairly straightforward to tailor it to our preferences in our customized child theme. Another major benefit of using the Enigma theme was that it is fully responsively designed without us having to implement anything ourselves, so having that to work with without having to set up anthything ourselves was a great benefit.

* Focus on Artists, events, and genres (artists being primary)
* Google maps integration for showing touring and single events (directions and street view as well, value added)
* Paging of artists, genres, and events.
* Child theme for custom post types (artists, events, genres), overwriting templates, removing sidebar for twitter widget
* Fully responsive design, even with our own custom posts and their paging and single display view
* Dynamic Instagram photos
* Commenting on data pages
* Social media facebook integration on pages for liking and sharing (also have a Youtube, twitter, and fb account all active with our marketing materials)
* Favorites pages for artists (cached vs db saved for registered users)
* Testimonials for reviews of the site
* Search for well, finding specifically what a user might want…

**Back End**

Debris here

* Crawler for Wikipedia, Last.fm, BandsInTown (explain how it works)
* 3 scripts for converting our crawled db with Added checks to ensure no duplicated data (as much as possible in WP)
* Used WP wp\_posts table so that we can immediately publish posts and manage them though the WP Dashboard (don’t have to go into to php myadmin if our content manger isn’t a programmer, easy updating of the html code for individual custom posts)
* The custom posts each have a Page that is used with a Template to display the correct custom post type (that’s how we get the paging)
* Various shortcodes are utilized for the embedded YouTube video playlists and Google maps to make coding them more simple and manageable

**Plug-ins**

Blah blah blah

* Custom post type plug ins specifically for BandTracker
* Customized a favorites plug in to work with our custom post types
* Look at the plug in list in the dashboard and just give a sentence review of them