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**Competitive Analysis:**

**Juk Box**(a previous 112 term project!): <https://www.youtube.com/watch?v=ciFFi0wEz0k>

This project was a lot like the initial idea for mine. I had originally intended for my project to be a queue of songs hosted through some sort of webapp that other people could access and contribute to. This was exactly what Juk Box did with a voting system and chat on top of all that. However my idea has changed to focus more on my app being a standard python/tkinter app that does all the same things about mixes the songs it plays together. While Juk Box can be accessed from any internet connected device, I imagine my project being run on a single computer left open at say, a party, for people to come by and add to physically instead of through a webapp.

**My Cloud Mixer**: [http://mycloudplayers.com/dj/#!/bpm=128](http://mycloudplayers.com/dj/" \l "!/bpm=128)

Cloud mixer incorporates a lot of the beatmatching and soundcloud integration aspects that I wanted to include in my project. Where cloud mixer differs however is that is still left up to the user to mix the tracks together while my project does that all for you. My Cloud Mixer is more targeted towards someone with some familiarity with Djing looking to DJ soundcloud tracks while my project is meant for anyone who wants to have the tracks being played mixed together automatically.

**Spotify:**

This analysis of spotify is more so about its actual music player interface than it is about the application itself. The player displays an icon of the album art with the song title artist and album alongside it. The player controls such as the song progress bar, volume bar and play and skip buttons are all below the button. I plan on having the same information in my project but I'll instead borrow from the soundcloud interface and have the information laid out over the album artwork. I also will not likely include album info in my project as many soundcloud tracks are singles.

**Soundcloud**:

Looking at the soundcloud player one thing I do really enjoy is the expanded album art in the background of the player, this is something I plan to incorporate into my project. The soundcloud player however is more for individual tracks so it does not incorporate a skip button. The soundcloud player also puts the track info in the corner of the player fairly small, in my project I would rather have the track info displayed more clearly and predominantly.