Development Progress Report 2

       In the past week, I have implemented nearly all the remaining functionality of my web tool. This includes the playback loop which schedules chord changes and tells the metronome and chords to play at fixed intervals. I created the chooseChord function which uses randomization and logic to execute chord changes, drawing from the list of chords selected by the user. I also created a chord selection menu that allows the user to choose which chords they want played, a visual display of the current and upcoming chords, and added a gain control for both the metronome pulse and subdivisions.

       The primary function I need to yet implement is voice leading. I have a general idea of how I want to implement this, and I have begun creating the function, though I've struggled to make any real progress so far. I foresee this being a complex issue that will take a lot of time to figure out. Otherwise, I need to make a number of minor additions and fixes. I need to implement a function to stop playback, resolve some timing and latency issues with the playback loop, polish the interface and code, and add a failsafe and user message when requirements for the playback loop to work are not met. Currently, the chords are divided into three categories, and if the user does not select at least one chord from each, the playback loop malfunctions, so I need to prevent the loop from starting in this case.