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IGME430 Project II – EZChord II
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What Does My Site Do?
EZChord is a tab searching service which scans existing libraries of guitar tablatures (tabs) and presents them in a service which is easy to interact with. Users may create accounts and save their favorite tabs for quicker access later.

The API
EZChord uses the 'Ultimate Guitar API' from the npm website to scrape existing tab sources. Additionally, it uses a custom-made API (my server) to save the favorited tabs to a mongoDB database. Although the Ultimate Guitar API does the actual searching/scraping, modules were created to filter and format the data that was returned from it before it is sent back to the user. (see TabSearcher and TabScraper.js for functionality).

Right/Wrong
Right – Users can move around the app with ease, and all of the core functionality of the API (backend) is working, with the exception of deleting favorite tabs (a working solution has been drawn up but is not yet implemented). This app turned out to be a more challenging experience than I had anticipated, but was a tremendously good learning experience.

Wrong – A lot. I didn't have enough time to finish the assignment, so many of the functional requirements are missing/incomplete. The app, while styled a bit differently, still resembles DomoMaker since the front end was never completely finished.

Future Work
I will be continuing this project for Project III and plan to completely finish the functional requirements. Additionally, I would like to implement a YouTube iFrame to play the song that the user has selected to retrieve tablature from. I would also like to add chord diagrams, so that the user can see the hand shapes for the chords that they are playing.
In terms of profitability, I would be able to add ad space, limit the number of favorited tabs, or make certain items, such as the YouTube player or chord browsing premium features.

Above and Beyond
Since I didn't come close to finishing this project, I don't feel like I went above and beyond. But if I had to pick anything, it would be the design of the website. The site is not a one-trick pony, and dynamically changes elements based on the functionality that the user should be using. Parts of the site that don't need to be used at any given time are hidden out of the way. I plan to continue to develop this concept in future work.