

TUNERTEACHER

An easier way to tune your instrument!



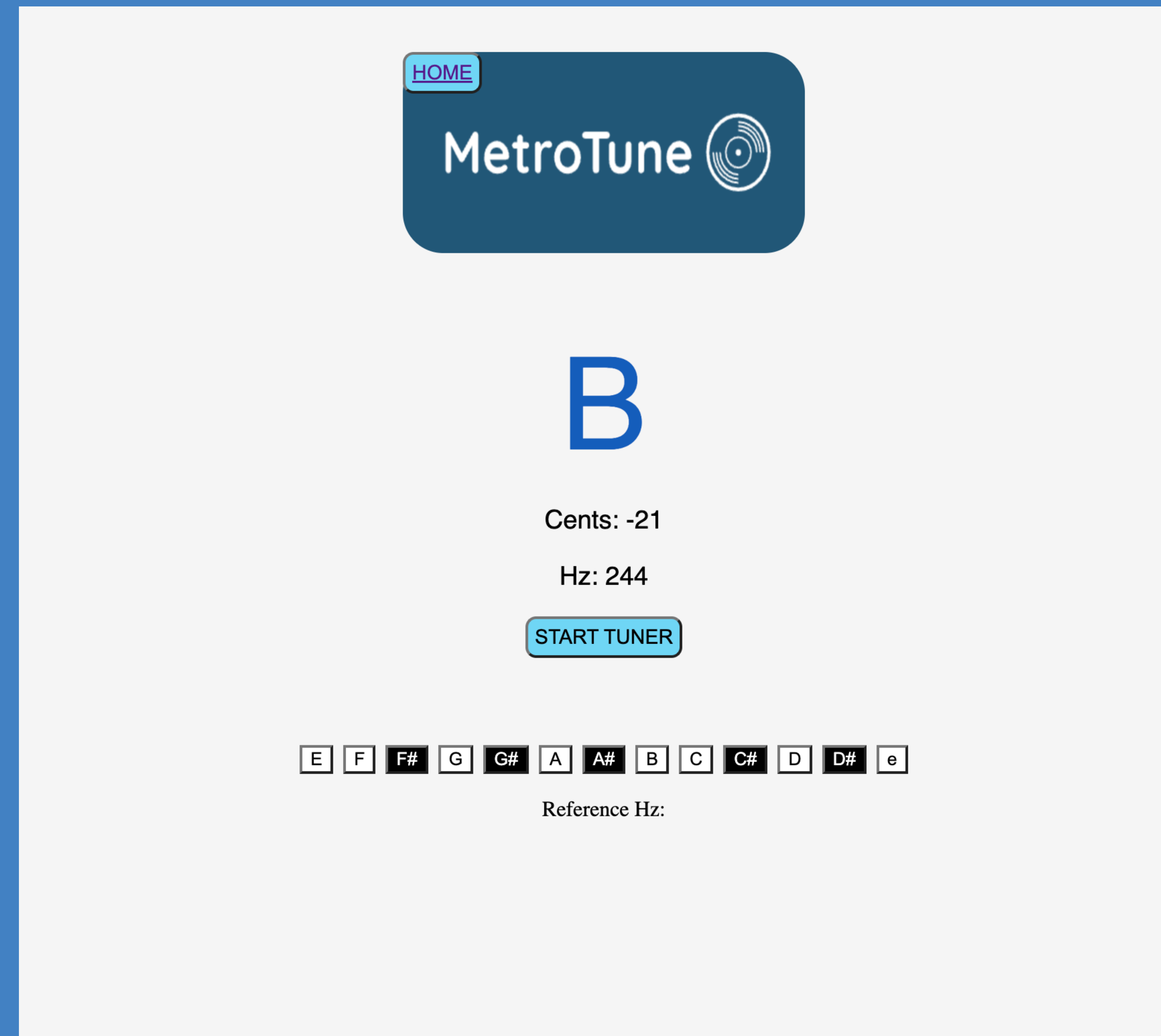
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What is TunerTeacher?

- TunerTeacher allows users to tune their instrument to any frequency. Rather than only allowing the user to tune to certain notes, with TunerTeacher, they can tune to any note of their choosing. Although this web app was designed for guitarists, many other instrumentalists can use it as well.

Why use TunerTeacher?

- The primary reason to use TunerTeacher is the freedom it provides to users. Unlike other tuners who restrict users to a single tuning, TunerTeacher allows the user to tune to whatever tuning they like. The simplicity in its design is also easy to understand.



Tech Stack:

- This project uses JavaScript, HTML, and CSS in conjunction with the ACF2+ algorithm and Web Audio API



Created by Jayden Craig

FEATURES:

- Notes are highlighted depending on how close they are to being in tune
- Cents are either positive or negative and tell the user how far away they are from being in tune
- Hz lets the user know what the current hz are for the note being played
- An octave of notes are available to reference in the design of a keyboard

What is the future of TunerTeacher?

- TunerTeacher has a bright future as eventually an adjustable metronome will be added to the web app. It will be an all-in-one place for musicians to access tools they would normally need multiple apps for.