

PolyMetronome

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Description

Many mobile metronome apps are not effective practice aids or have features that are behind a paywall. This free metronome can play a few simple rhythms in real time, has a visual graphic to help musicians learn, and a database for further learning and setlists.



Features

- Plays one or two rhythms with varying click sounds
- Has visual representation to help the user understand how different rhythms interact
- Gives the user the ability to save polyrhythms as well as songlists to aid composers/bands



Planning - User Stories

- Users can play 2 rhythms on top of each other
- Users can save rhythms for later
- Clock to demonstrate rhythms in real time
- Users can save their data on their mobile device



Planning - Database

- Beats Per Minute (BPM)
- Time Signature
- Number of bars that translates to length of song



Technology Stack

- C#
- Mono
- Unity



Demo



What I Learned

- Mono
- Unity



What's Next

- Features that give users freedom to explore polyrhythms
- Making the UI pretty
- Bringing the app to a website
- Moving on to bigger projects

