

musiclab

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Purpose

To make it easy for musicians to collaborate.

To easily share individual, layered audio tracks and make it easy to add another layer (another instrument, voice, etc).

Stack

- `next.js` frontend, initialized with `npx create-next-app`

Main files

- `app/page.tsx` - main entrypoint to `next.js` app
- `components/waveform.tsx` - defines the individual `Waveform` component
- `store/index.ts` - defines the global state, and functions to update it

Next Steps

- Add a backend, probably db and S3 for audio files
- Figure out easy way to record from instrument into musiclab (via digital audio interface).
- Easy export from DAWs (Ableton, FL Studio, GarageBand)
 - via plugins?
 - copy/paste?
 - install a local desktop app to bridge any tricky system/audio issues
- Export `flac` and `aiff`
- LLM to generate audio based on prompt

- Bandlab