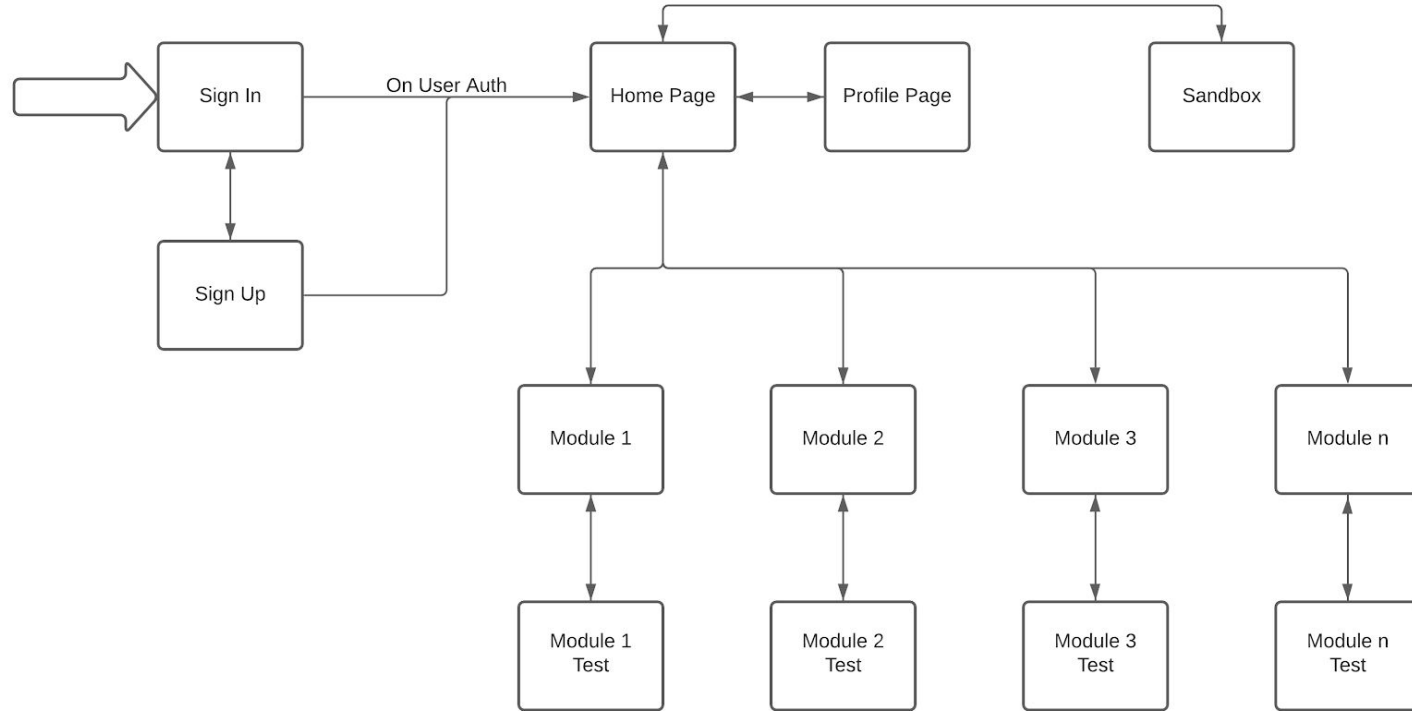# Synth Trainer

Andrey Varakin, Jeremy Goldberg, David Sackler
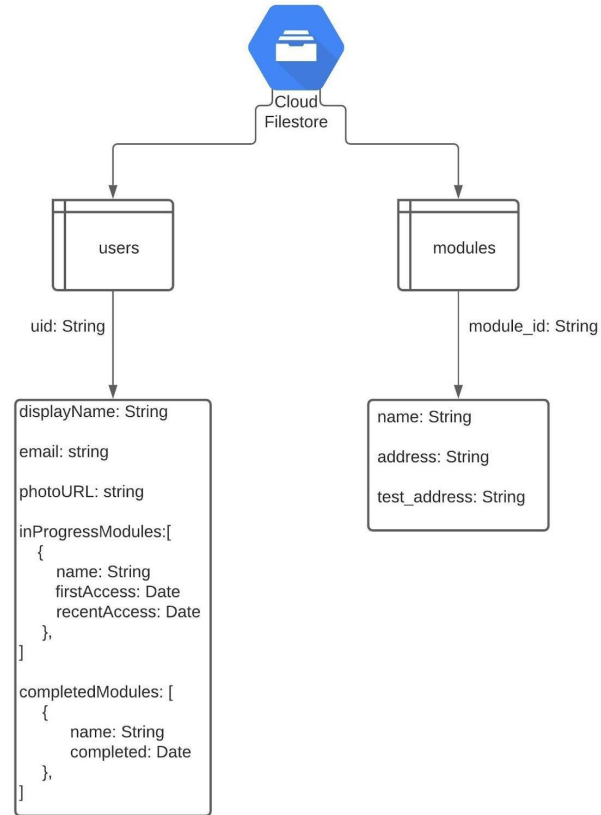
Why Synth Trainer?

- React-Based Web App

- Audio Synthesis Ear Trainer

- Focused on building up from fundamentals

- Engaging and rewarding educational model

Design Models

Design Models

Cloud
Filestore

users

modules

uid: String

module_id: String

displayName: String

email: string

photoURL: string

inProgressModules:[
    {
        name: String
        firstAccess: Date
        recentAccess: Date
    },
]

completedModules: [
    {
        name: String
        completed: Date
    },
]

name: String

address: String

test_address: String

Meet Sam - Beginner Producer/Artist

- Create an account

- Pick and complete a Module

- Take the test

- Either pass and progress, or restart/look for another module

Meet Josh - Seasoned Producer/Artist

- Isn't at his workstation

- Still feels creative and wants to use a synth.

- Loads up Synth Trainer's Sandbox mode

- Might go back to modules to reinforce old concepts/train ear

Live Demo

Check chat for link!

Next Steps

Continue working on tutorials (modules)

Program a scoring system so the user has a way of tracking their ability

Track user progress (tutorials/scores) in profile section

Thank You!

Questions?