

# Guitar Note trainer

## Persona

Young Bob, a 12 years old aspiring guitar player that dreams to be like Jimi Hendrix, but he just started the instrument recently and wants to train to remember the notes. For starter, he prints out note sheet and try to memorize them, but he finds it hard to improve further. There are several problems that he wants to address but could not find an optimal app that does it. First, he wants to improve his sight-reading speed, this means when practising for a new a song, he wants to react to the notes as soon as possible. Second, he wants to train his ear to remember the sound of each note.

This Frettrainer app allows Bob to train his reaction by displaying a random note with corresponding sound. Bob can adjust the speed of which the notes refresh to increase or decrease the interval. Bob can also justify the range of notes to target his weakness. As Bob improves, he can access the secret shop page in the app to find his next soulmate.

## Extensibility

Function extension: can include chord training, harmonics training etc. Can include a recording function to compare the recorded guitar sound to system sound for accuracy score. Can include a profile to visualize where the weaknesses are. Can include a dynamic sound profile for different types of guitar, where the user chooses whether they want steel/nylon string or various electric guitar.

Audience extension: can extend the available instrument.

Market extension: can include a shopping page to direct audience to private business site.