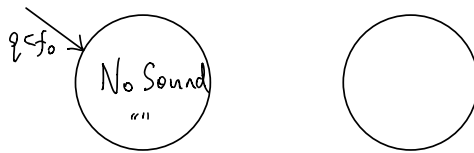# Main Logic (processFreq) state machine diagram:

current frequency : q
expected frequency : a
error allowance factor: ε
error range : $[2^{-\frac{\varepsilon}{12}} a , 2^{\frac{\varepsilon}{12}} a]$
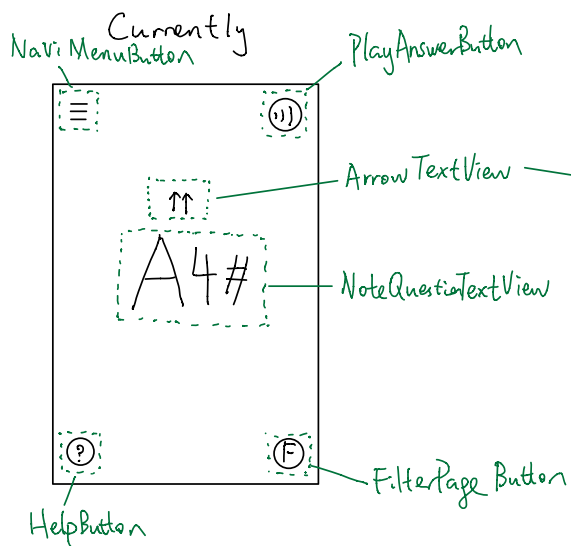least stable time : Δt
detect sound threshold : f_0

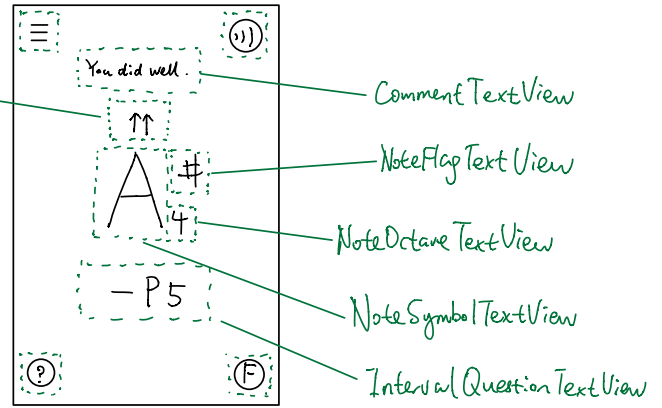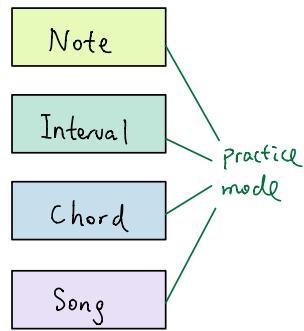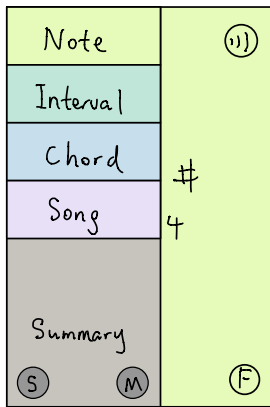error warning factor: C

second error range : $C *$ error range

TODO

$q < f_0$ → No Sound "

General Main Screen

Currently

NaviMenuButton

PlayAnswerButton

≡   (·))

ArrowTextView → ↑↑

A4# → NoteQuestionTextView

?   F

HelpButton

FilterPage Button → F

Ideally

≡   (·))

You did well. → Comment TextView

↑↑ → ArrowTextView

A # → NoteFlap TextView
  4 → NoteOctave TextView

→ NoteSymbol TextView

− P 5 → Interval Question TextView

?   F

Navi Menu

Note	⊙))
Interval	
Chord	♯
Song	4
Summary	
Ⓢ Ⓜ	Ⓕ

Note	
Interval	practice
Chord	mode
Song	

Summary

Ⓢ —— SettingPageButton

Ⓜ —— MorePageButton
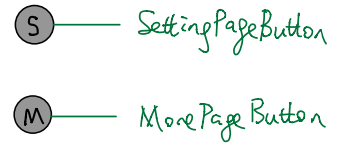
Note Practice Mode

☰   ((•))

⇈

$A^{\#}_{4}$

?   F
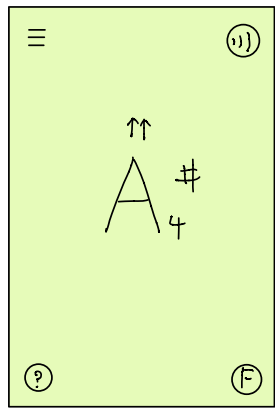
TODO

Note Practice Filter Page
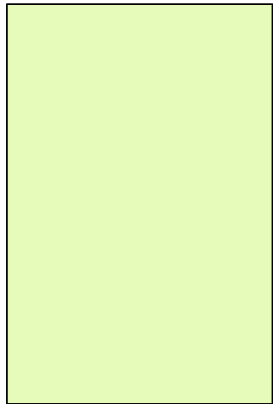
Interval Practice Mode

```
☰                    ⊚))

          . . .
          
          D₄
          
        + P5

?                     Ⓕ
```
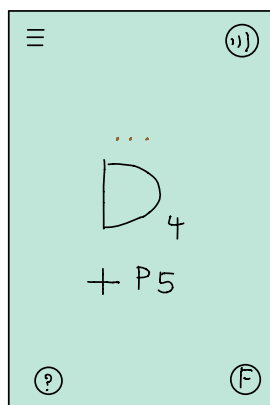
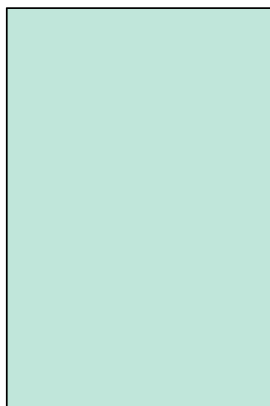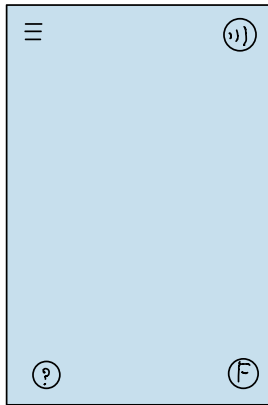## Interval Practice Filter Page

Chord Practice Mode

☰   ⊙))
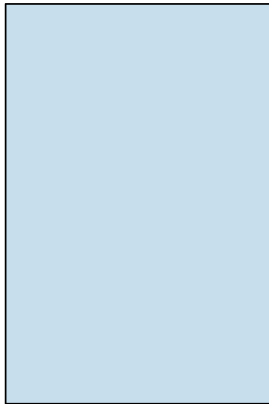
?   Ⓕ

Chord Practice Filter Page

TOPO