SOUND SCAPE

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Overall Problem

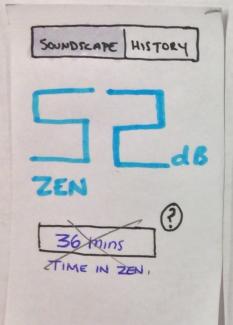
A lack of awareness of the health implications of noise exposure

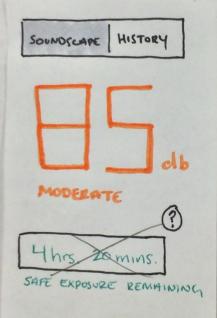
Initial Paper Prototype

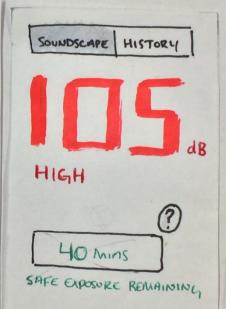


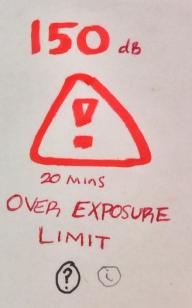
Task 1

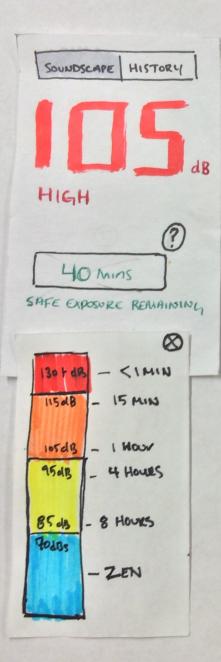
Perform Soundscape analysis on the current environment











150 dB



20 Mins

OVER EXPOSURE LIMIT





8

YOU HAVE EXCEEDED THE SAFE EXPOSURE LIMIT!

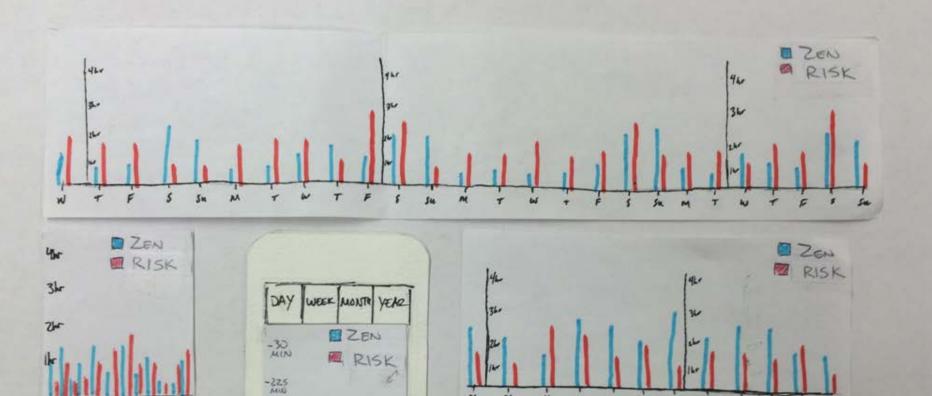
- 8 MINS MO GOT IT



AT HIGH EXPOSURE YOU CAN SUSTAIN PERMANENT HEARING LOSS!

Task 2

View past noise exposure & analysis



1/14

JEMAM J J ASOND

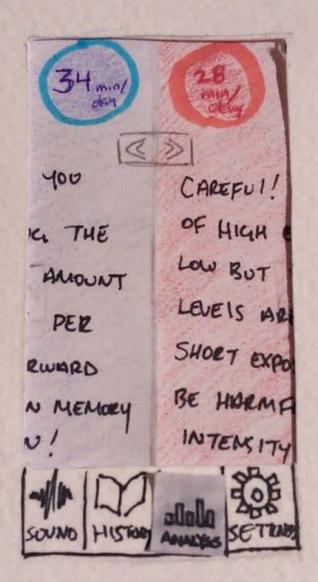
-15 MIN

-75 MIN

HISTORY ANALYSI SETTING



GREAT J ARE EXCE RECOMMENDED OF ZEN -DAY. LOOK TO INCREASE AND ATTE



MINUTES

KE SEEMS

NOISE

IGH.

CAN STILL

T HIGH

Testing Process

Usability Tests



UW Student
Frequents loud environments



Middle-aged User

Lacks technological expertise



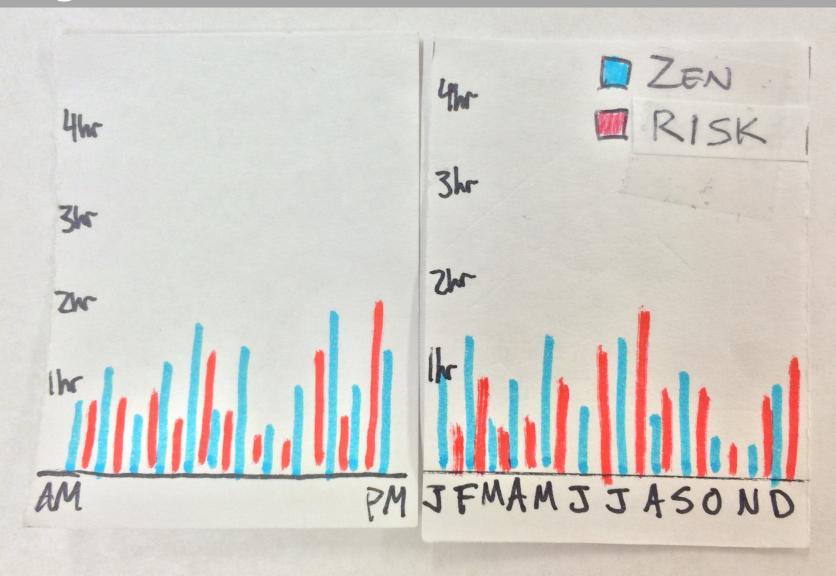
Doctor (Radiologist)

Provides a medical background

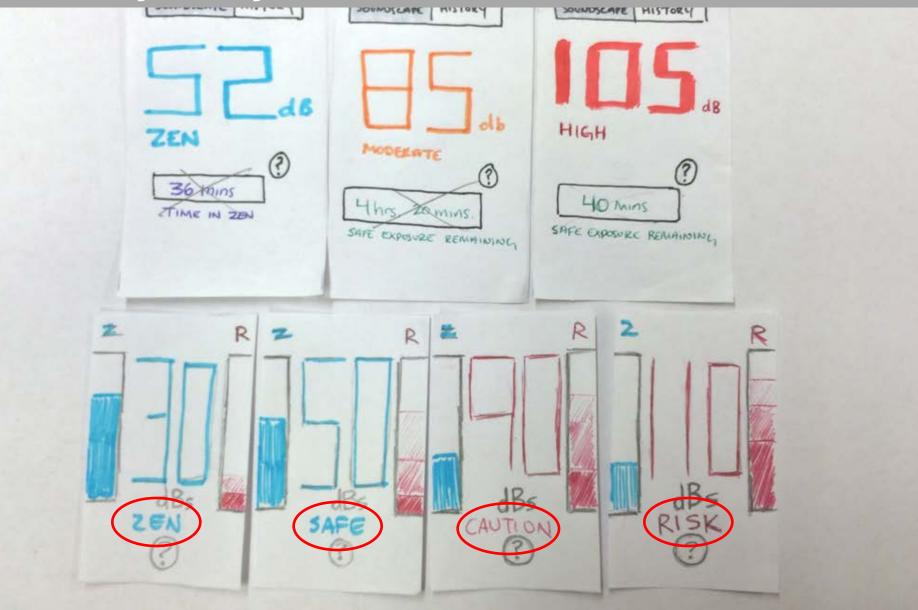
Results

Syntax

Recognition Rather than Recall

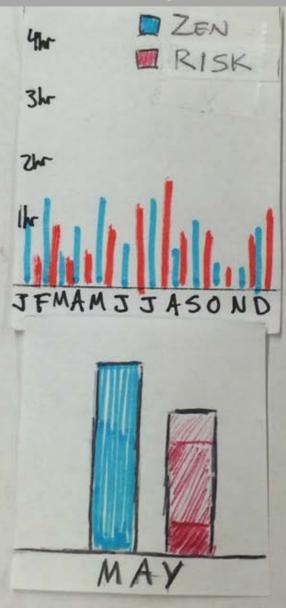


Visibility of System Status

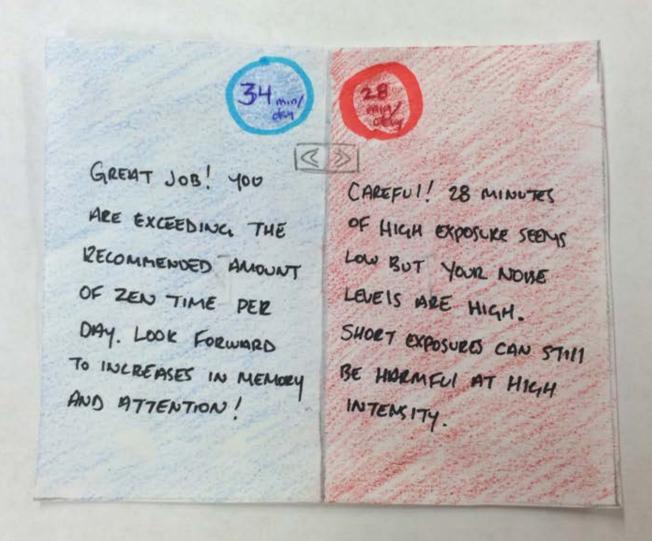


Affordances

Flexibility and Efficiency of Use

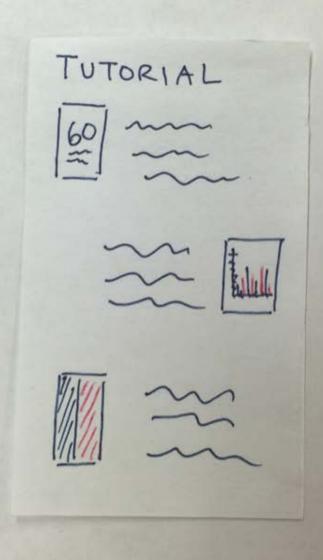


User Control and Freedom

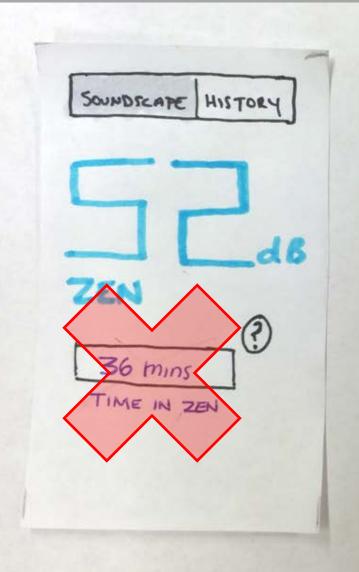


Features

Help and Documentation

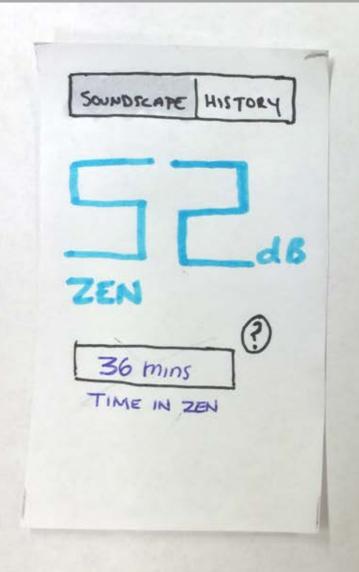


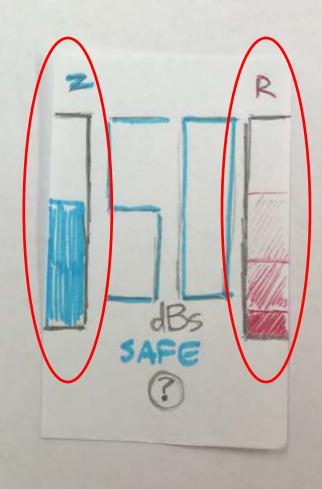
Aesthetic and Minimalist Design





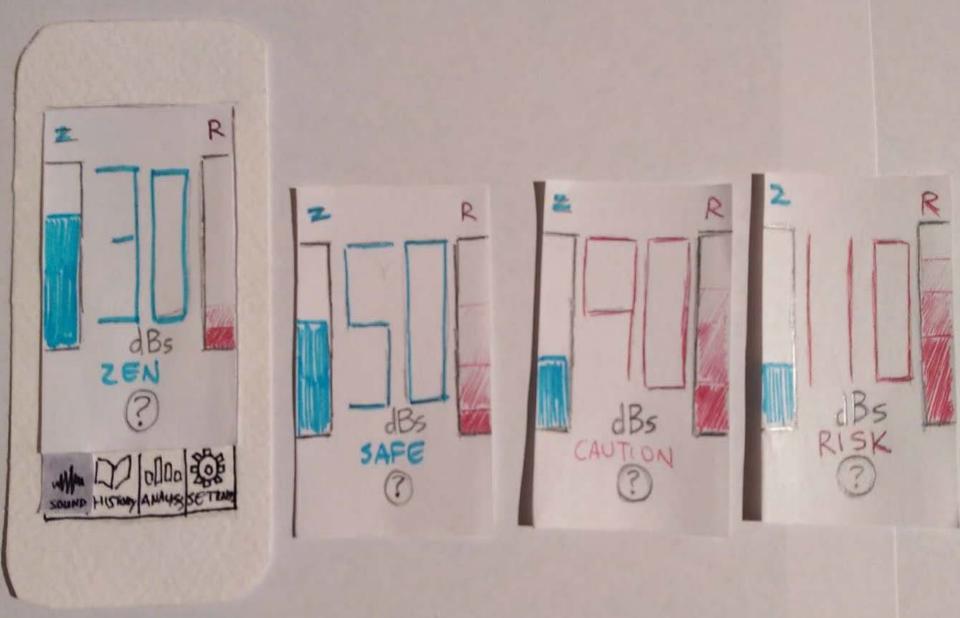
Visibility of System Status

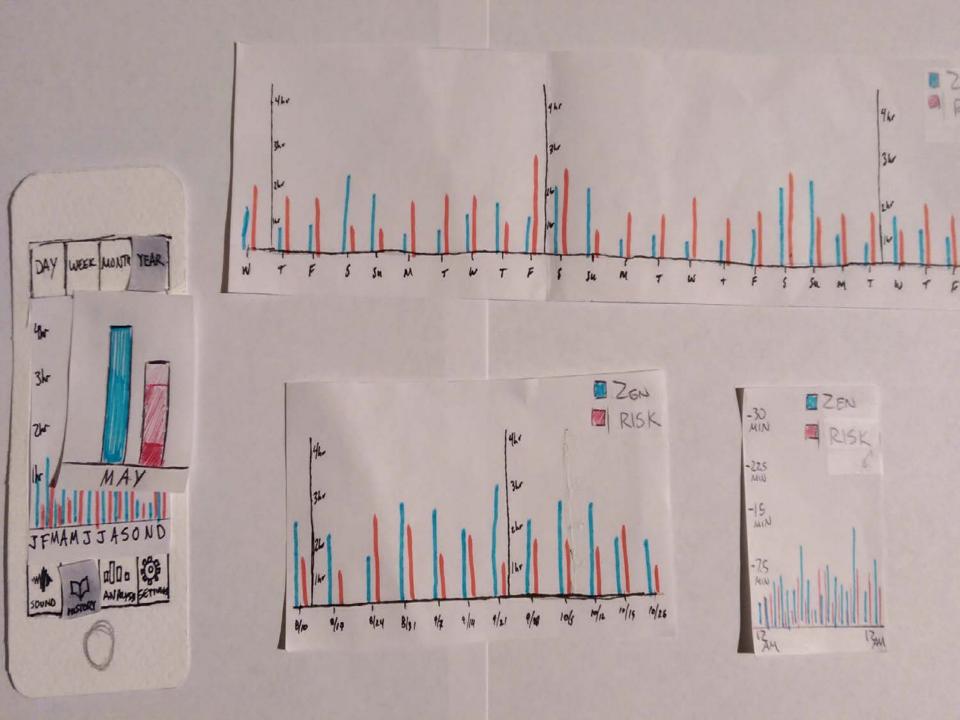




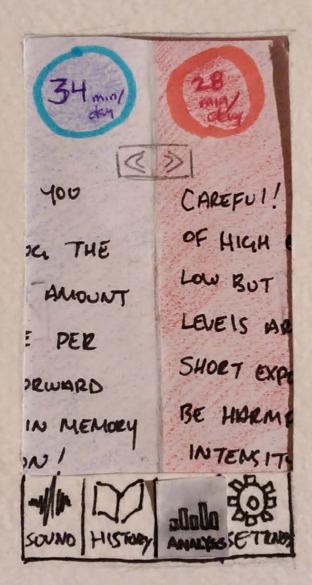
Final Paper Prototype







GREAT J ARE EXCE RECOMMEN OF ZEN DAY. LOO TO INCREM AND ATTE



MINUTES

LIKE SEEMS

L NOWE

IIGH.

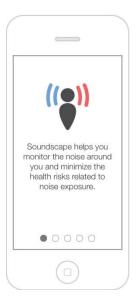
S CAN STILL

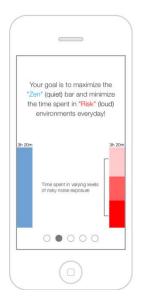
AT HIGH

Digital Mockups

SOUNDSCAPE

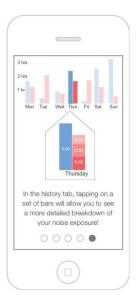
Tutorial









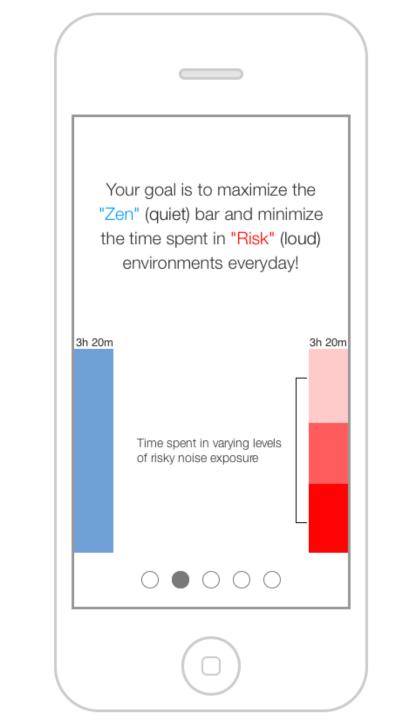




Soundscape helps you monitor the noise around you and minimize the health risks related to noise exposure.













3h 20m

dBs

3h 20m

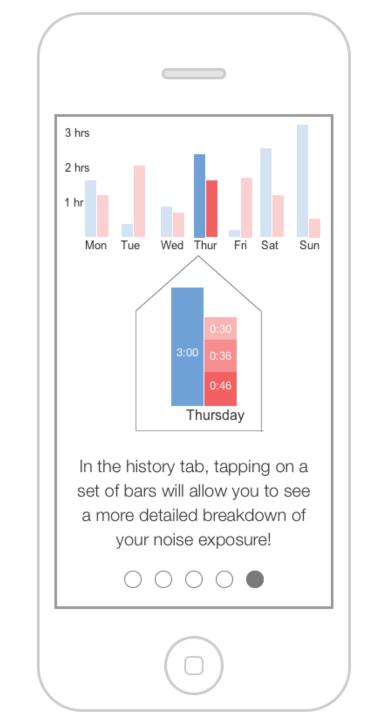
When the noise around you exceeds 85 dBs, a time reading appears to let you know how long it is safe to stay without risking long-term damage.



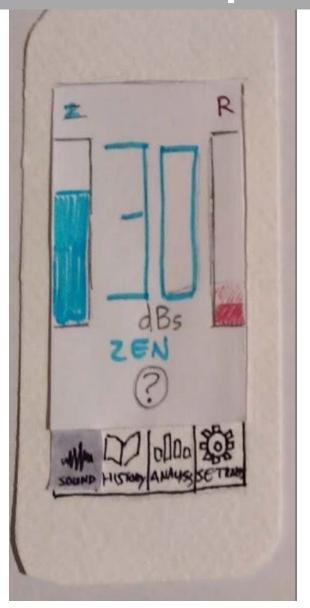


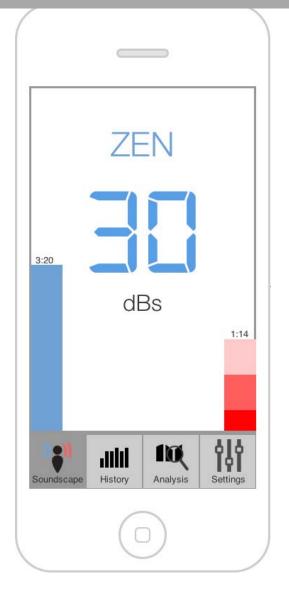




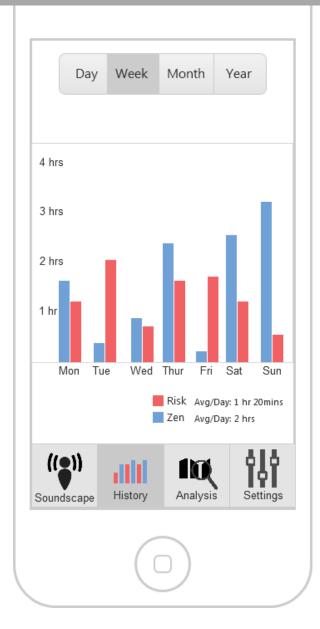


Task 1: Soundscape Analysis

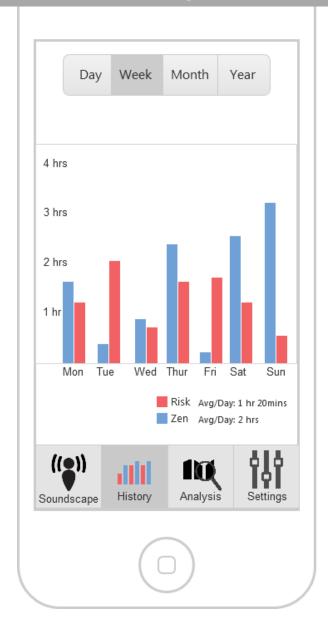


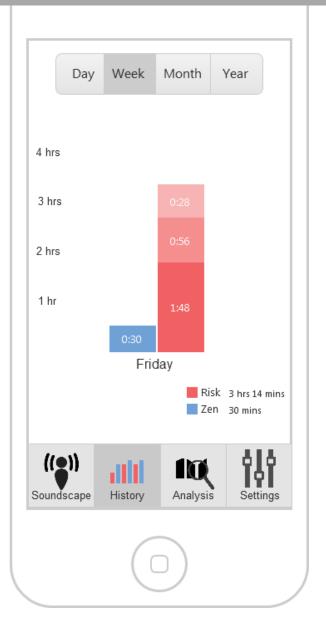


Task 2: History & Analysis

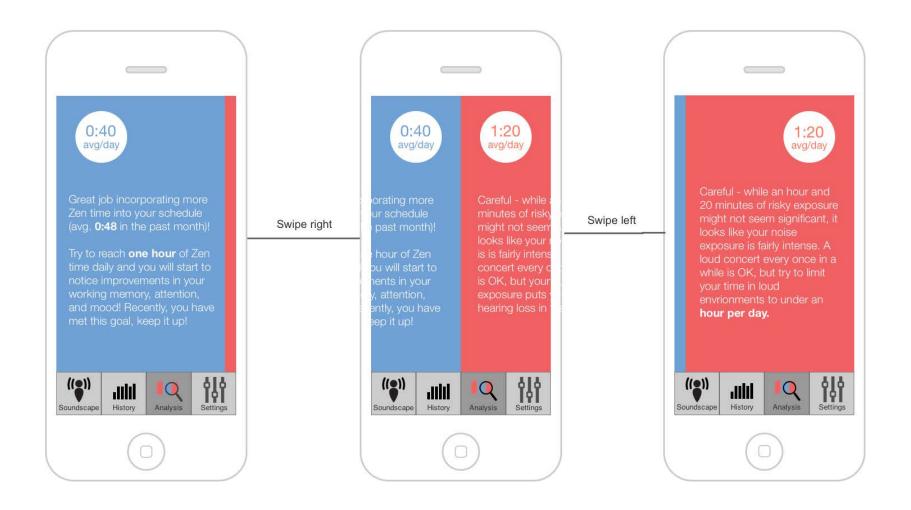


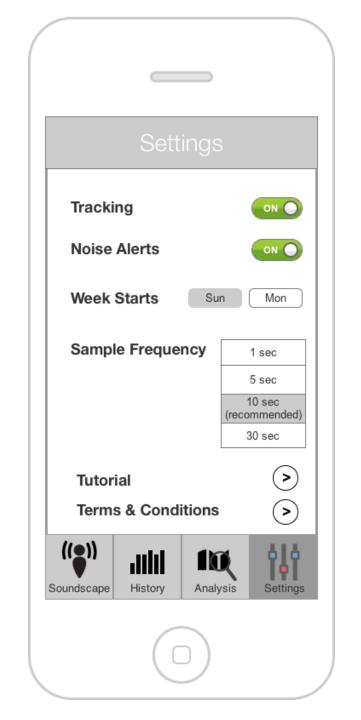
Task 2: History & Analysis





Task 2: History & Analysis





Summary

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Questions?