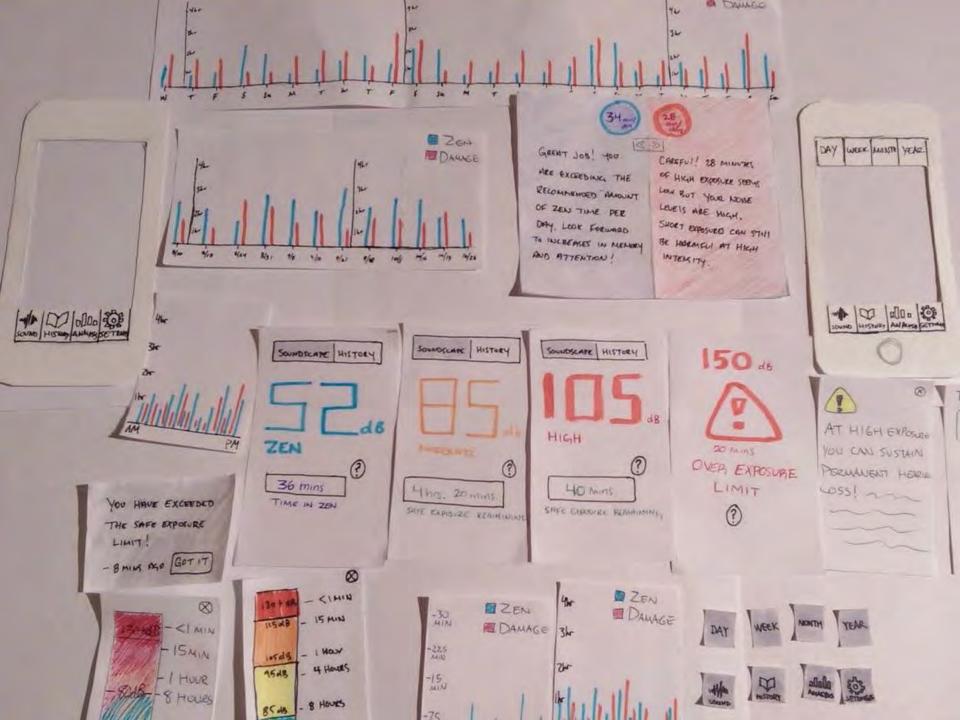
SOUND SCAPE

Grant Neubauer
Garrick Li
Chris Jung
Luyi Lu

Overall Problem

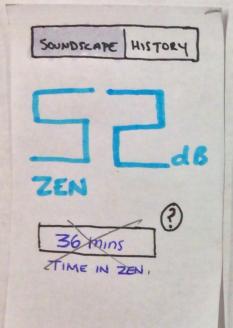
A lack of awareness of the health implications of noise exposure

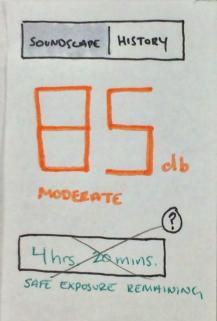
Initial Paper Prototype

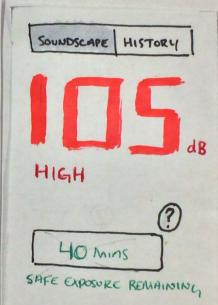


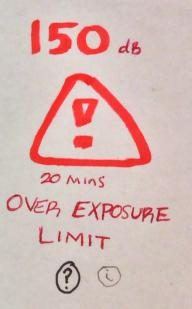
Task 1

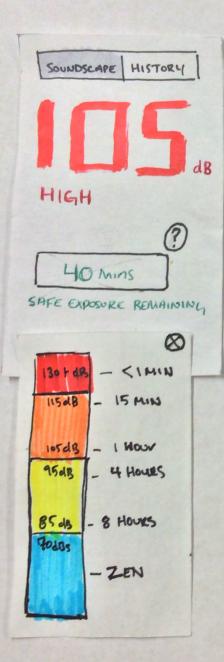
Perform Soundscape analysis on the current environment











150 dB



20 Mins

OVER EXPOSURE LIMIT

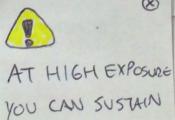




8

YOU HAVE EXCEEDED THE SAFE EXPOSURE LIMIT!

- 8 MINS MO GOT IT

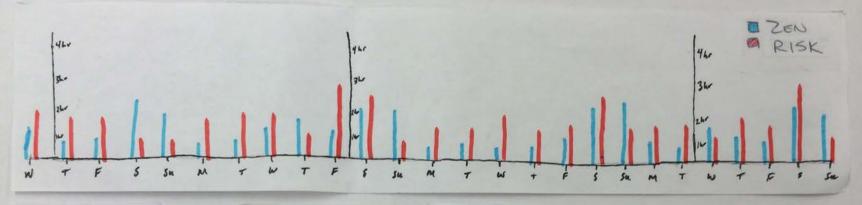


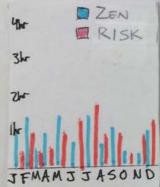
PERMANENT HEARING

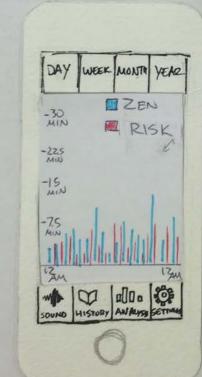
LOSS!

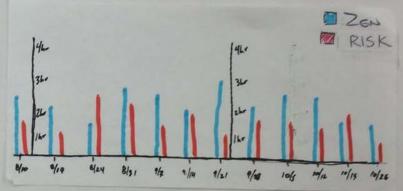
Task 2

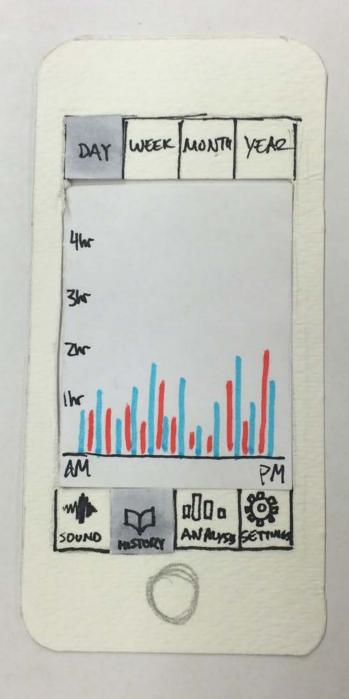
View past noise exposure & analysis



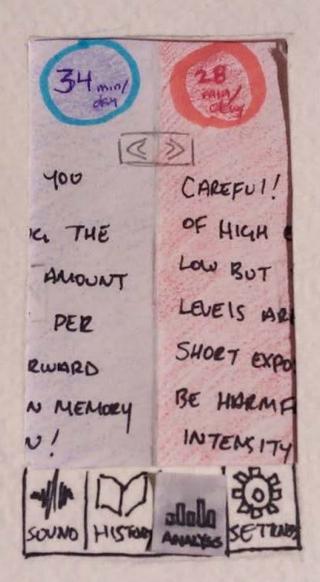








GREAT J ARE EXCE RECOMMENDED OF ZEN -DAY. LOOK TO INCREASE AND ATTE



MINUTES

LE SEEMS

NOISE

IGH.

CAN STILL

T HIGH

Testing Process

Usability Tests



UW Student
Frequents loud environments



Middle-aged User

Lacks technological expertise



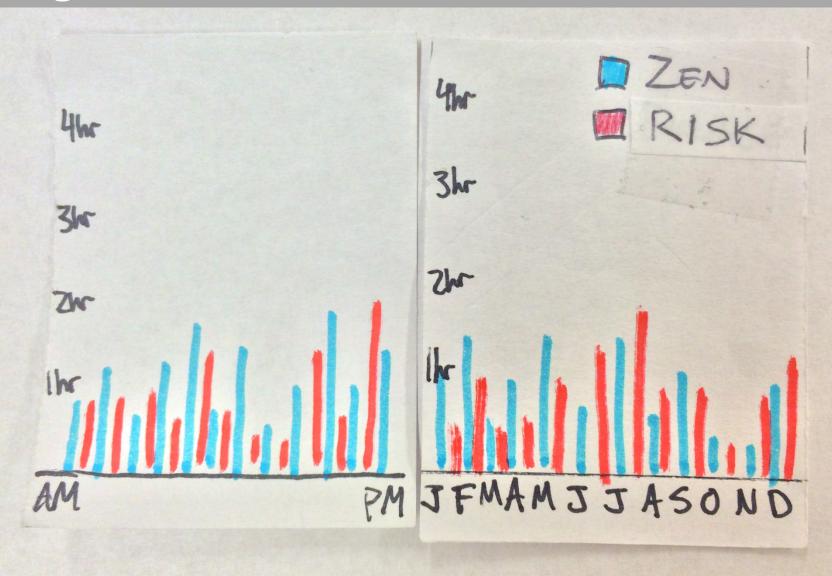
Doctor (Radiologist)

Provides a medical background

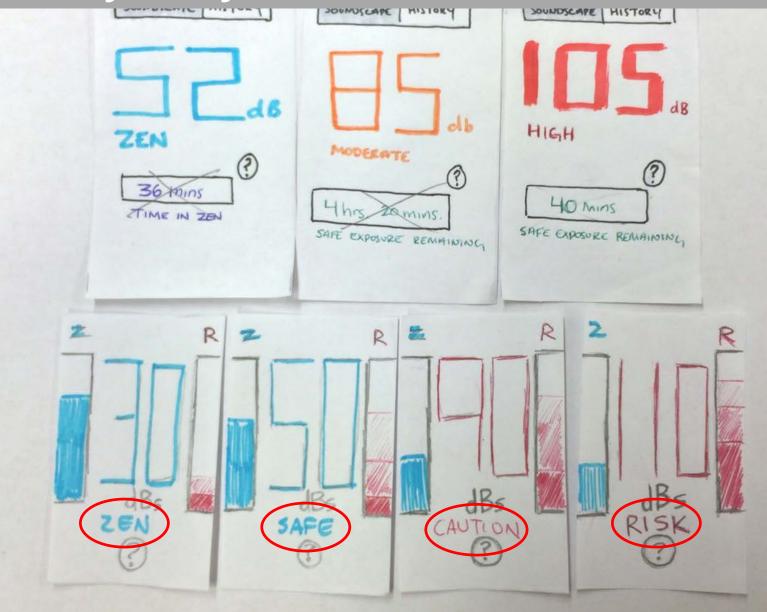
Results

Syntax

Recognition Rather than Recall

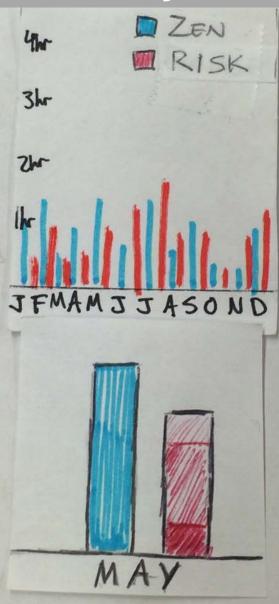


Visibility of System Status

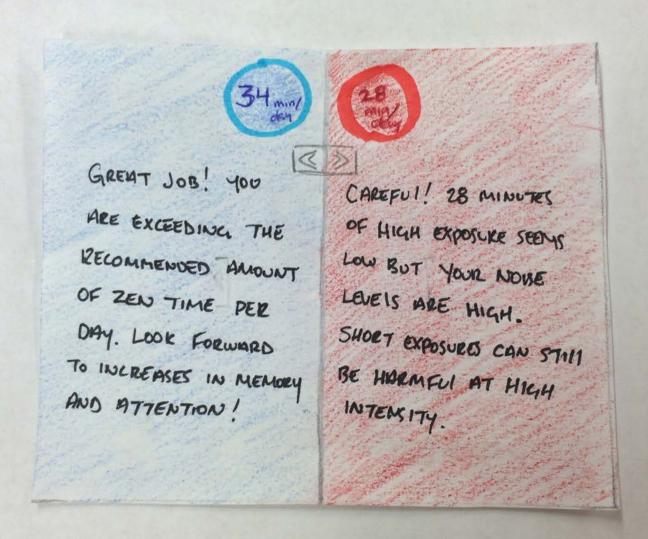


Affordances

Flexibility and Efficiency of Use

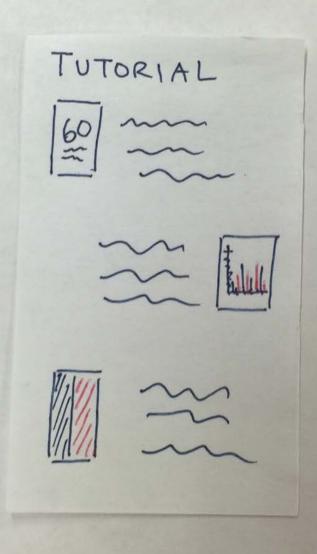


User Control and Freedom

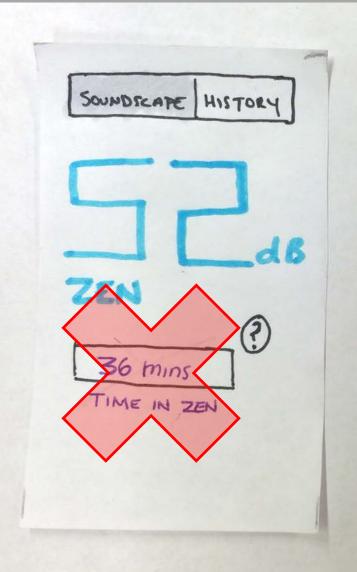


Features

Help and Documentation

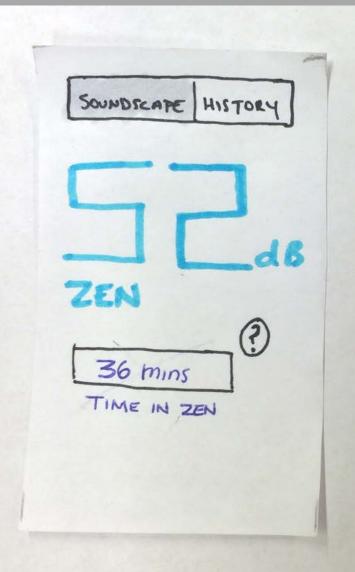


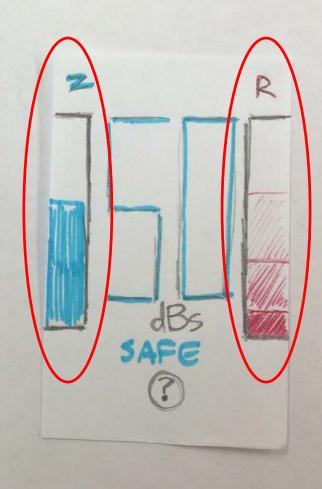
Aesthetic and Minimalist Design





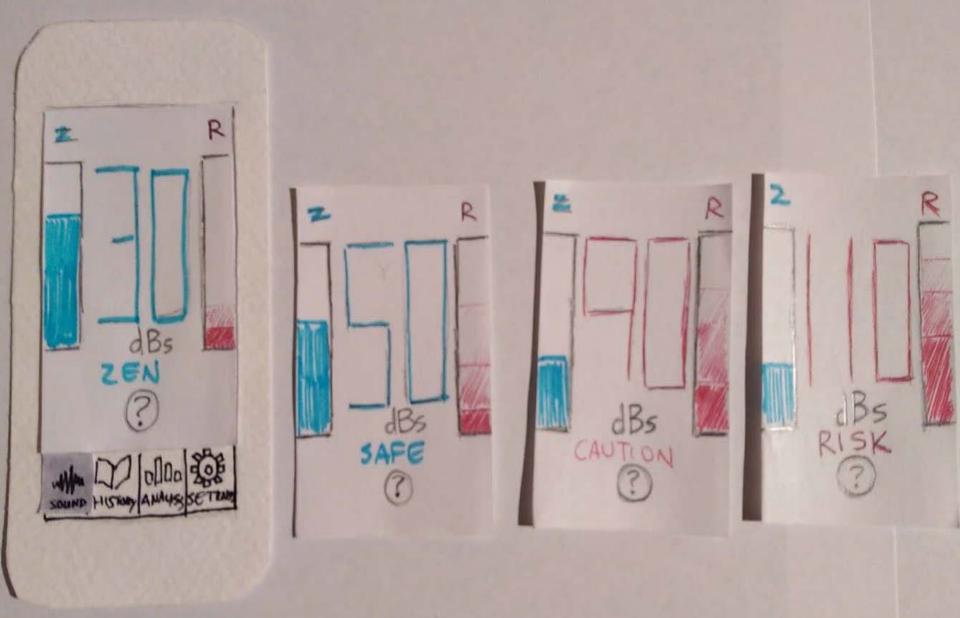
Visibility of System Status

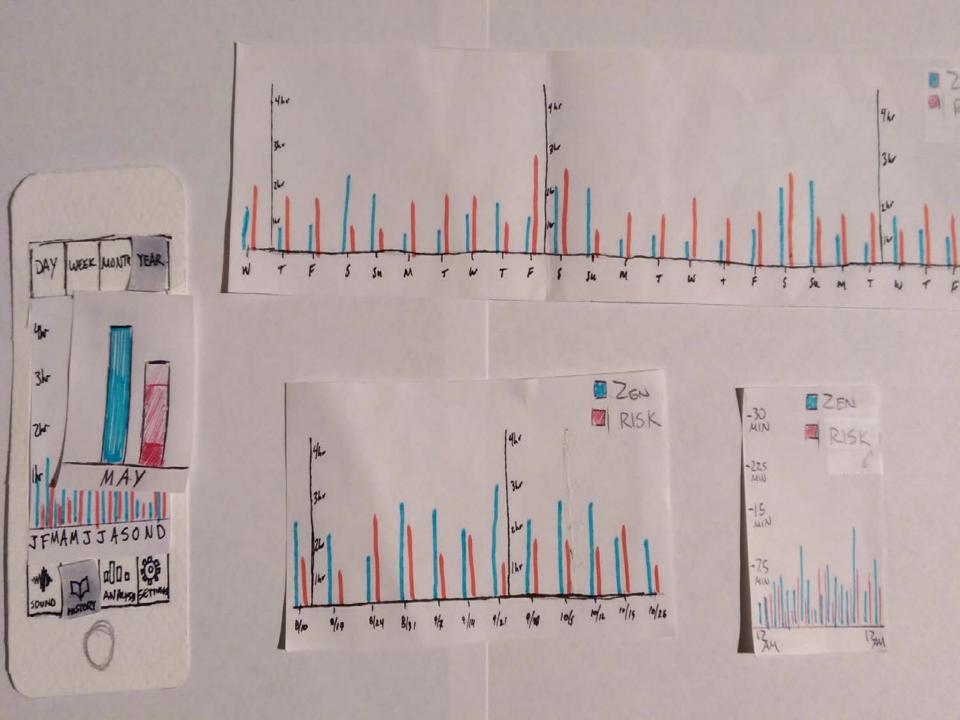




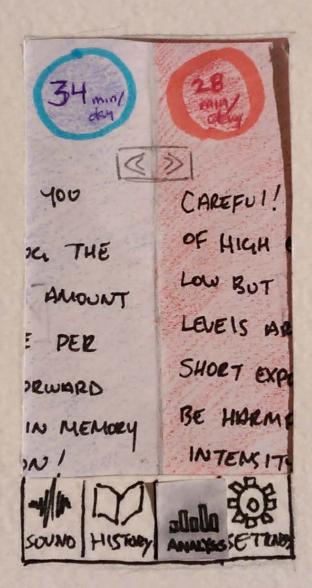
Final Paper Prototype







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



MINUTES

UKE SEEMS

L NOWE

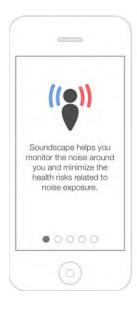
UGH.

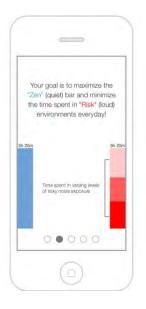
S CAN STAIL

Digital Mockups



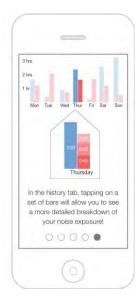
Tutorial









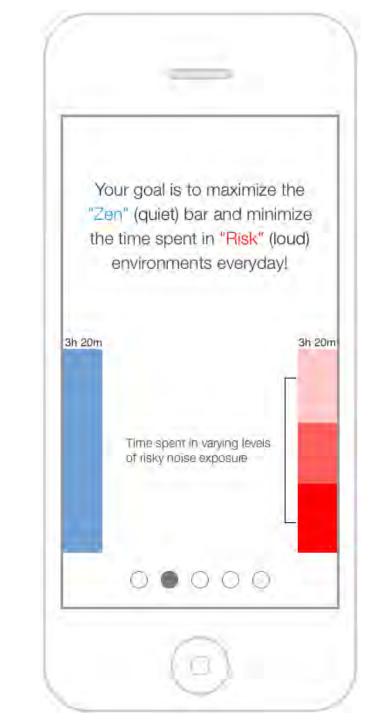




Soundscape helps you monitor the noise around you and minimize the health risks related to noise exposure.

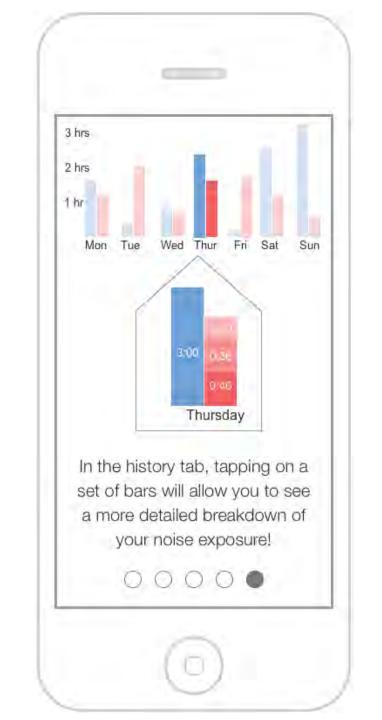




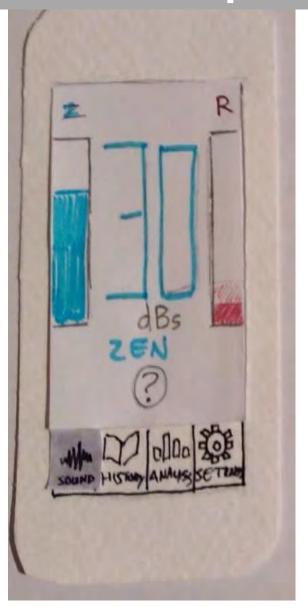


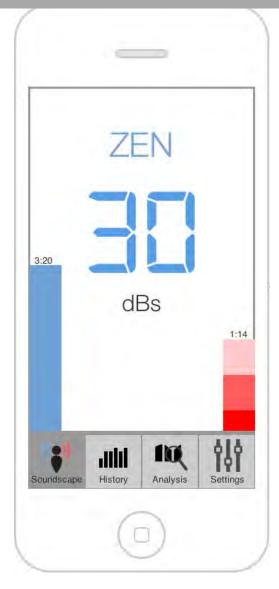




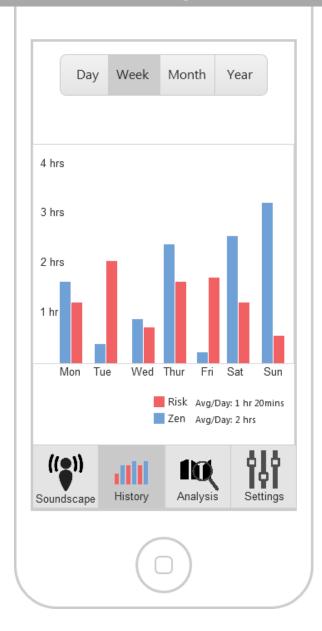


Task 1: Soundscape Analysis

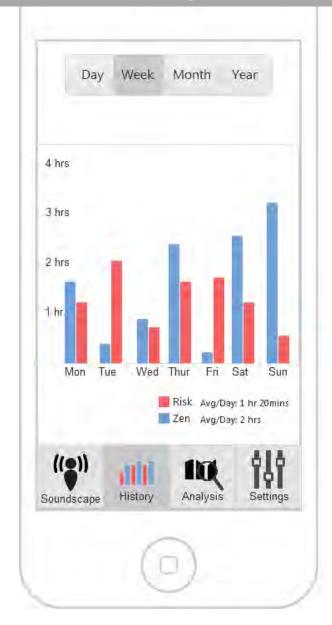


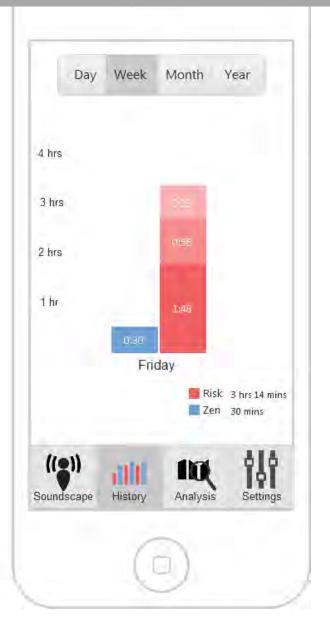


Task 2: History & Analysis

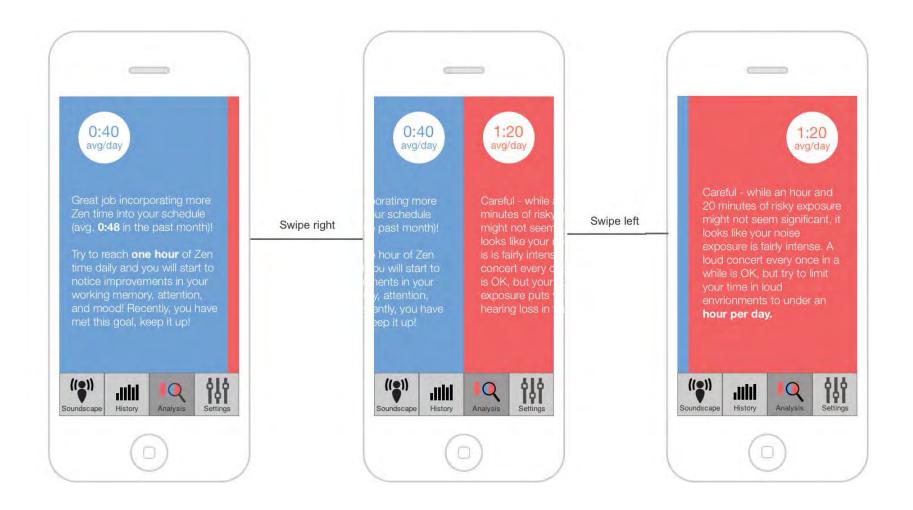


Task 2: History & Analysis





Task 2: History & Analysis





Summary

SOUND SCAPE

Questions?