DAIS

PRESENT BETTER. NOW.

OUR TEAM >

PROBLEM >

PREVIOUS WORK >

OUR SOLUTION >

DESIGN PROCESS >

DEMO >

OUR TEAM >

PROBLEM >

PREVIOUS WORK >

OUR SOLUTION >

DESIGN PROCESS >

DEMO >

Harrison
hwray@

Elaine
ezhou@

Brian
brianlam@

Adrian
arod2016@

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Problem

> Presenters need a way to get digestible amounts of **immediate feedback** and **later analyze** details about **visual spread** and **speaking volume**.

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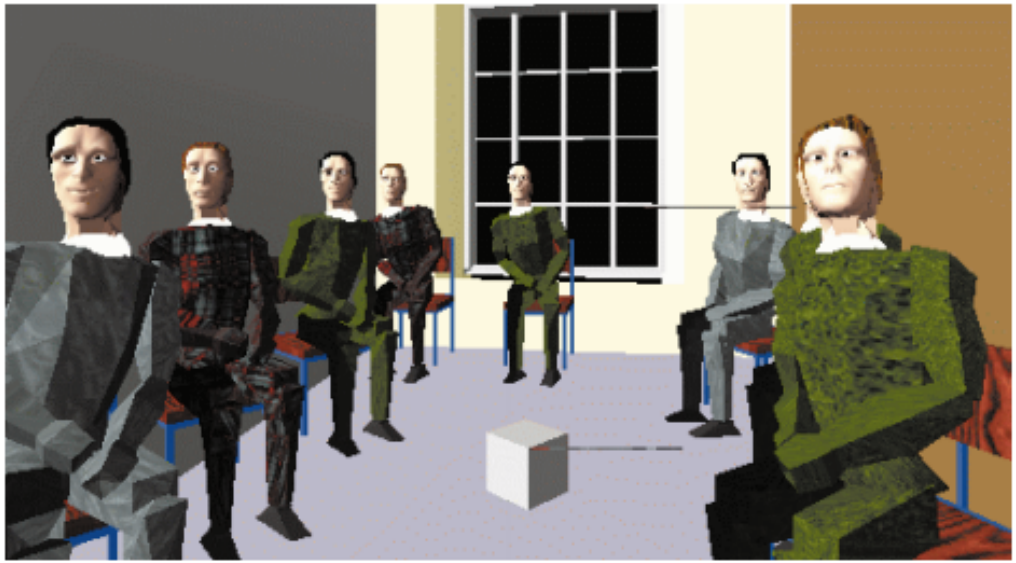

Nelson, L., Ichimura, S., Pedersen, E.R. and Adams, L. Palette: A Paper Interface for Giving Presentations, in Proceedings of CHI 99, ACM Press, pp. 354-361, 1999.

Anderson, P. L., Zimand, E., Hodges, L. F., & Rothbaum, B. O. (2005). Cognitive behavioral therapy for public-speaking anxiety using virtual reality for exposure. *Depression and anxiety*, *22*(3), 156-158.

Kleinke, Chris L. "Gaze and eye contact: a research review." *Psychological bulletin* 100.1 (1986): 78.

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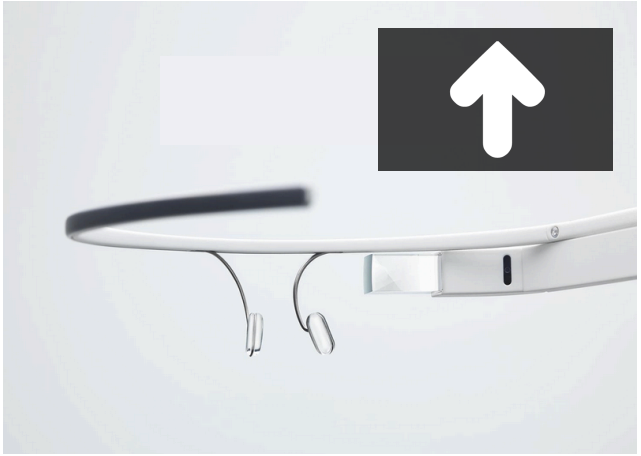

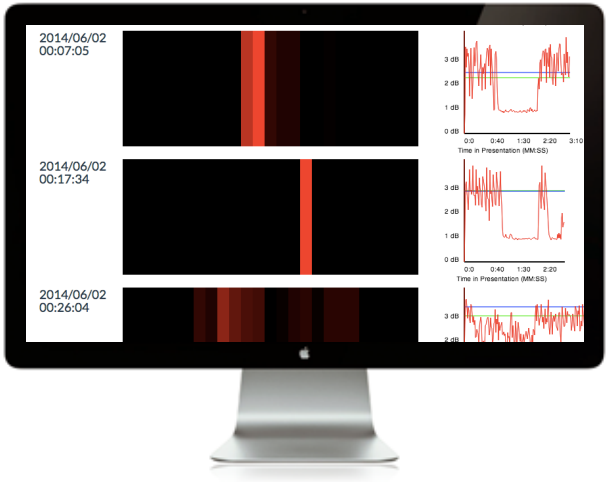

Live Feedback

Look left, right, up
Speak up!

+

Analytics

Eye Gaze Spread
Volume Levels

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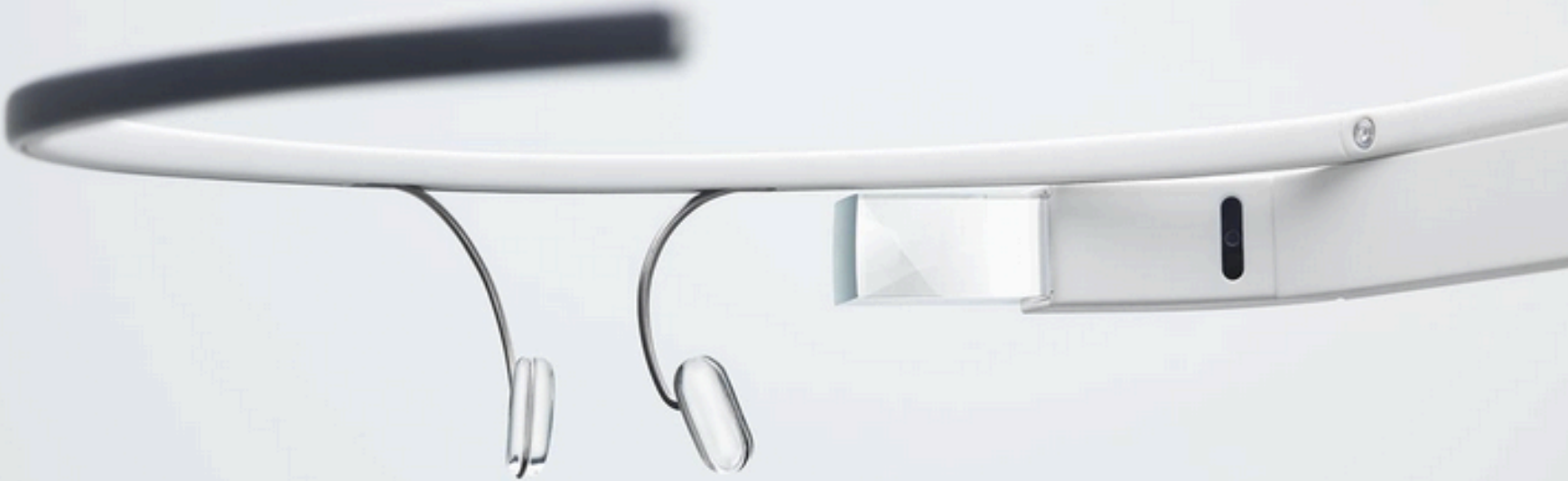
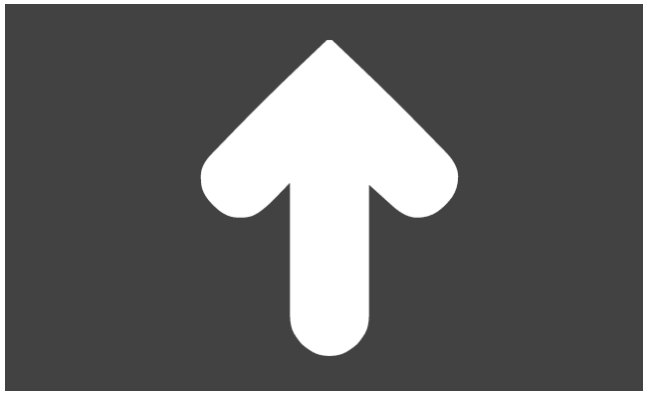
Look to the left
and tap.



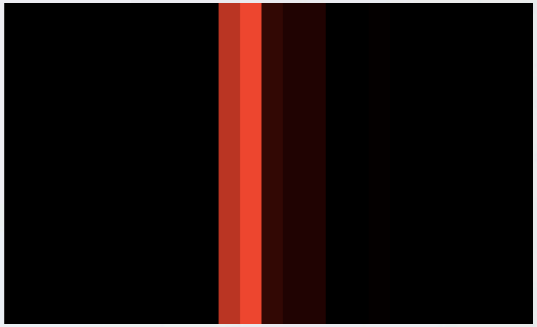
Look to the right
and tap.

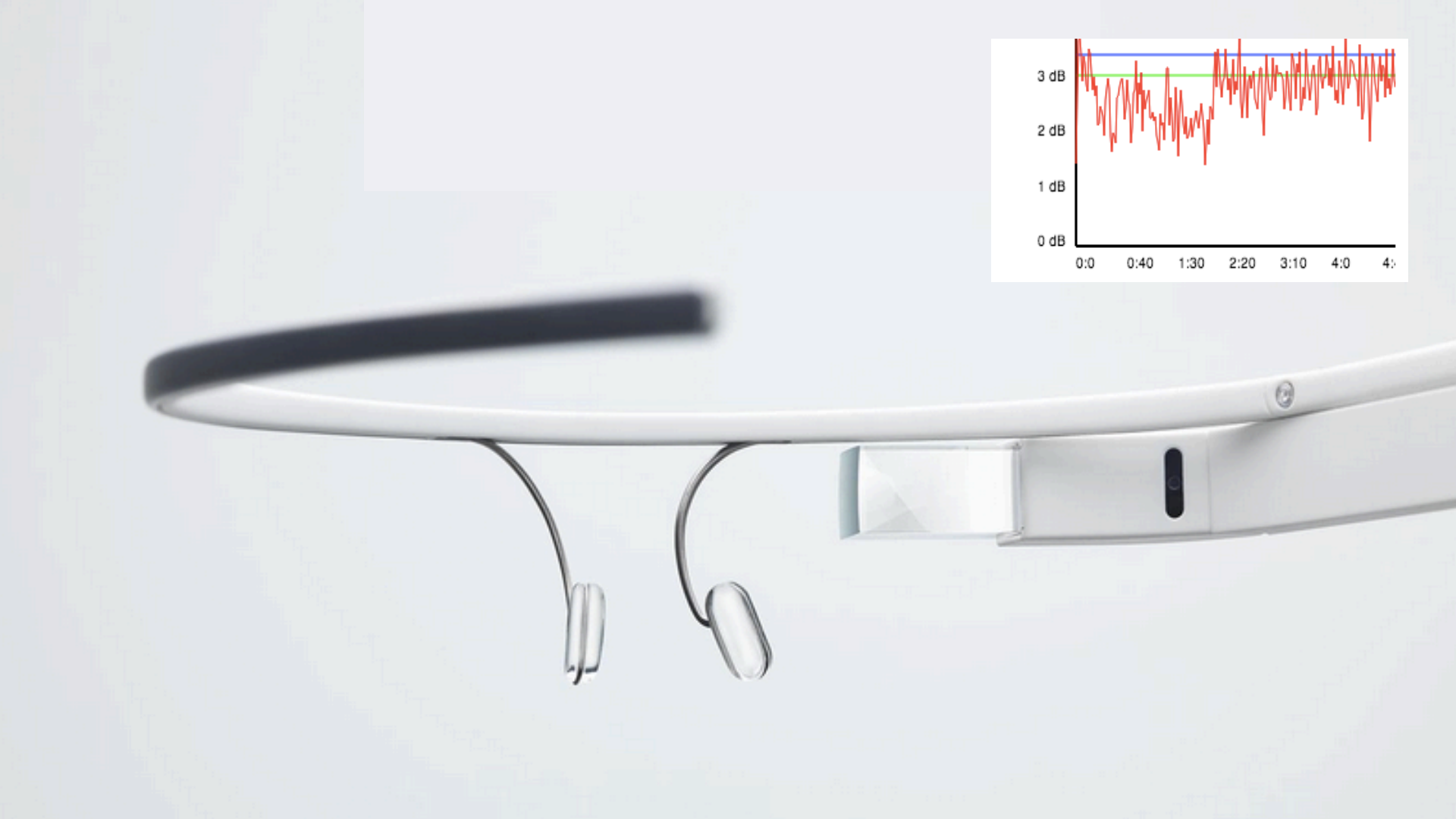


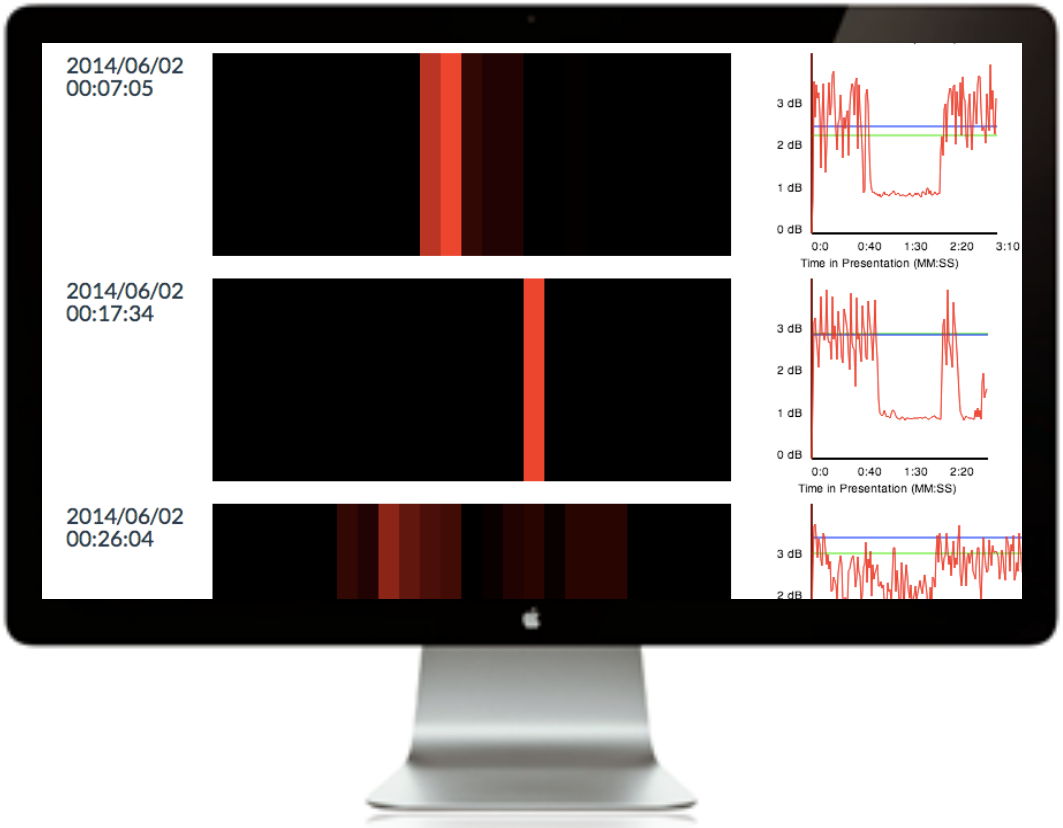
Directional Cues

Spatial Cues

Speak Up!




3 dB
2 dB
1 dB
0 dB
0:0
0:40
1:30
2:20
3:10
4:0


2014/06/02
00:07:05
3 dB
2 dB
1 dB
0 dB
0:0
0:40
1:30
2:20
3:10
Time in Presentation (MM:SS)
2014/06/02
00:17:34
3 dB
2 dB
1 dB
0 dB
0:0
0:40
1:30
2:20
Time in Presentation (MM:SS)
2014/06/02
00:26:04
3 dB
2 dB

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APPLICATIONS >

DESIGN PROCESS >

DEMO >

http://daisglass.com

Future Work

- Step Detection
- Vocal Tics and Inflection
- Presentation Profiles

QUESTIONS?