

Meeting Essence II

Capturing the Important Moments of a Meeting

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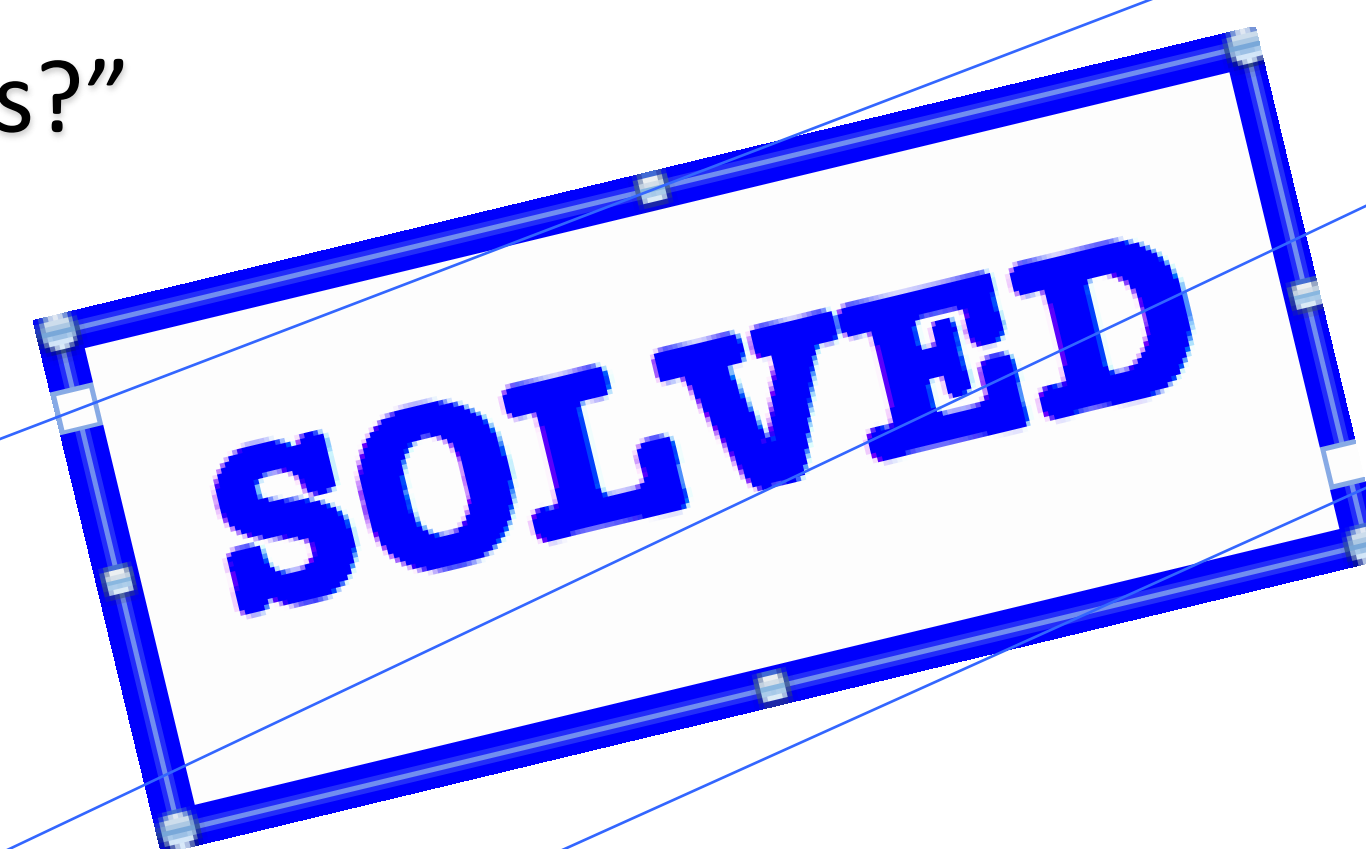
Motivation

Meeting Déjà Vu?

- “What was that great idea and who had it in the meeting yesterday?”
- “Did anyone manage to take down everybody's suggestions?”
- “What was my part of the assignment?”

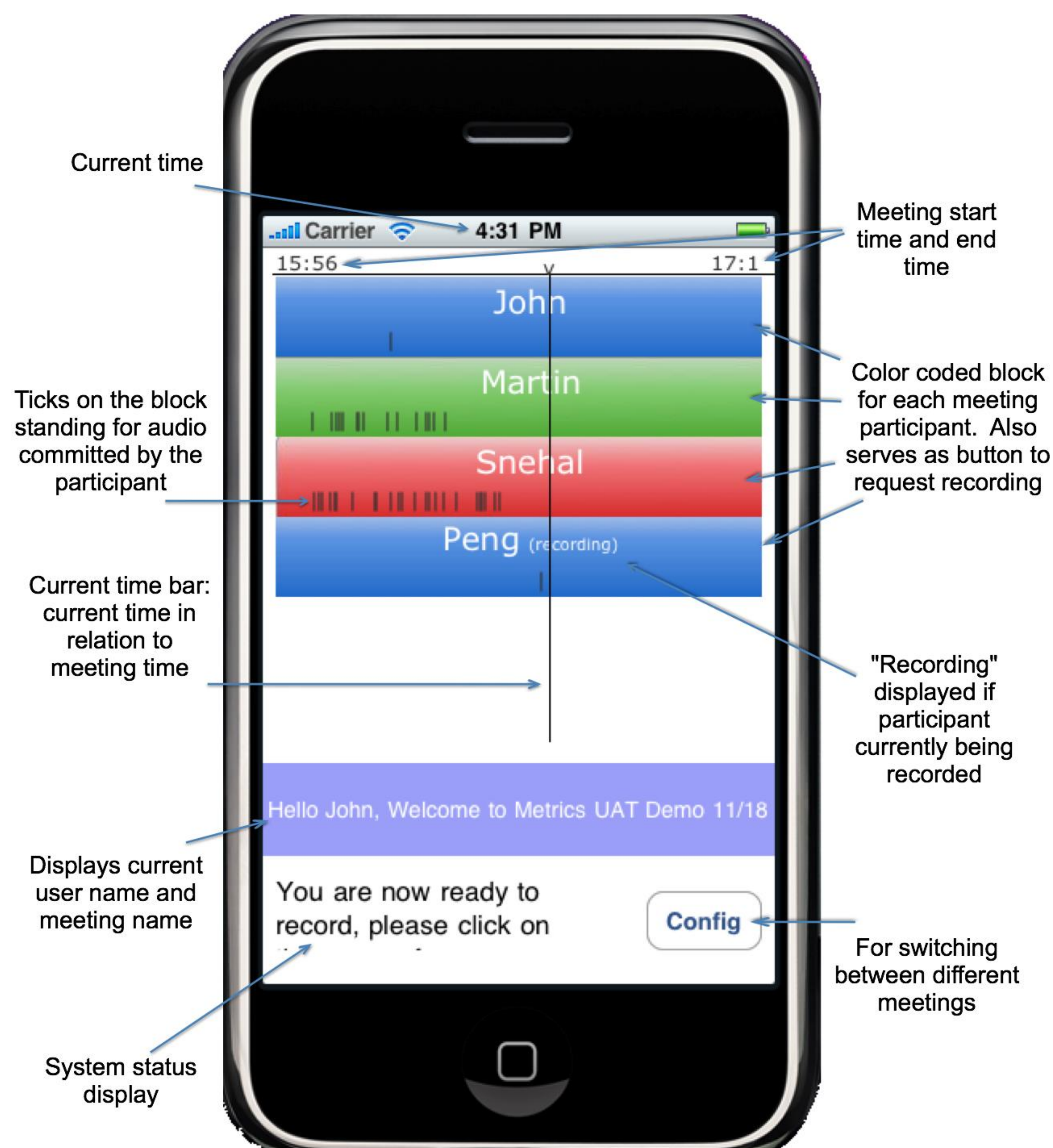
Current Solutions

- (Scribbling furiously during the meeting)
- Meeting restricted to rooms with specialized equipment
- (Yawning over an one hour audio recording of the meeting)



System Implementation

Client: Objective C on Apple iPod Touch 2nd Generation



Overview

- **Portable, Affordable**, mobile phone based meeting information capture system
- **Minimally-Distractive**, one-screen, one-click recording interface
- **Social Interaction Centric** audio recording paradigm: record only important moments
- **Instantly Available** audio files for playback/download, during or after a meeting



Hidden Profile Experiment

Candidate choice making meetings (2 conditions)

- T1. Mining manager hiring, T2. Wedding venue selection
- Small differences in criteria read by each participant
- 5 groups of 3 participants
- One meeting with paper one with Meeting Essence II

Group	T1	T2	Audios
1	66%	52%	38
2	89%	86%	17
3	87%	77%	17
4	53%	48%	7
5	59%	39%	24

Results

- Typically 14 audio snippets recorded in each 20 minute meeting (7 to 38)
- More meeting decisions remembered (+.25%/ audio snippet recorded)
- Draws a bit more attention than having a clock displayed on mobile phone

Future Works

- Incorporate picture and text as part of meeting capture, in addition to audio
- Support user tagging of meeting multimedia for faster retrieval
- Utilize social interaction information for meeting minute generation

References

- [1] Abowd, G.D., “Classroom 2000: An experiment with the instrumentation of a living educational environment”. IBM Systems Journal, 1999, 38(4). p. 508-530
- [2] Davis, R.C. *et al.*, “NotePals: Lightweight Note sharing by the Group, for the Group.” In *Proc. CHI 1999*, p.338-345
- [3] Anthony Johnson. **Mobile Essence: A Mobile non-invasive Platform for Meeting Notes Capture**. Thesis in completion of MS, MIT Media lab June 2007
- [4] Whittaker, S., Tucker, S., Swampillai, K., Laban, R., “Design and Evaluation of Systems to Support Interaction Capture and Retrieval”, In *Personal and Ubiquitous Computing*, v.12 n.3, p.197-221, January 2008

Servers: Ruby on Rails for Meeting Info, Apache/PHP for Audio

