

# LifeSampler:

## Enabling Conversational Video Documentary

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### (1) The Problem Space

Supporting multidisciplinary teams in:

- Effective, respectful communications
- Highlighting mutual community awareness
- Motivating knowledge Transfer

In a way that:

- Presents a low barrier to entry, both in terms of time and complexity
- Promotes creative expression

### (2) Our Solution: Conversational Documentary

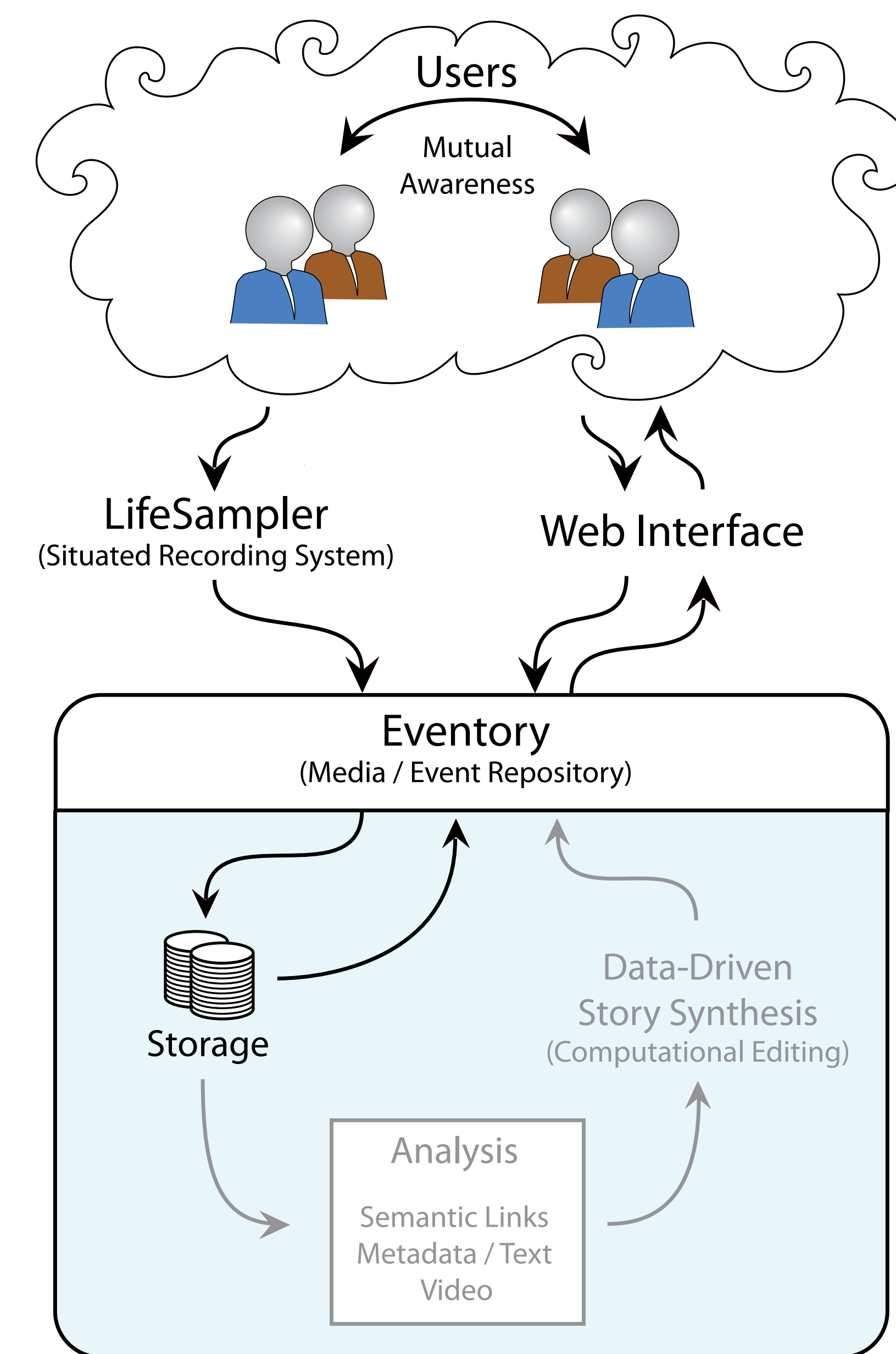
#### “Conversational Documentary?”

A many-to-many media creation and sharing infrastructure that acts as a closed feedback loop:

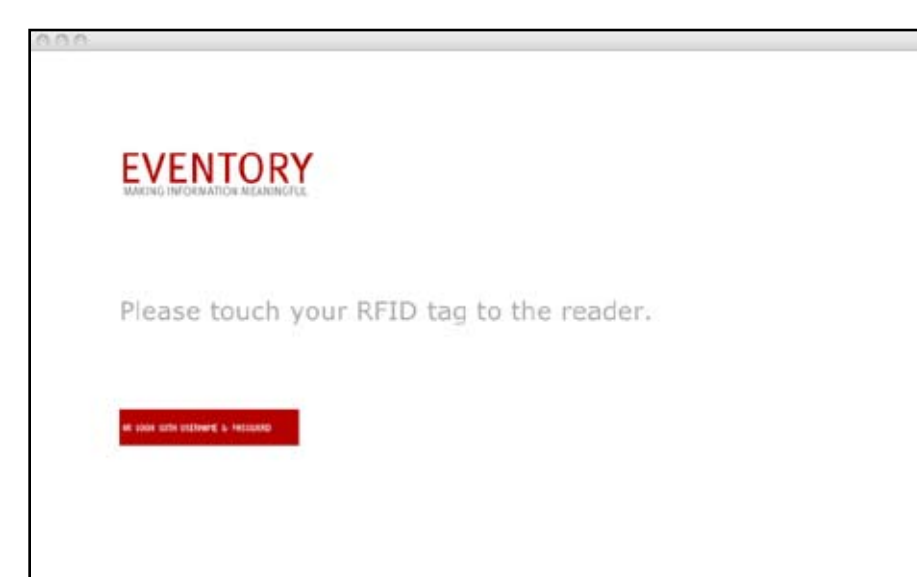
- **Collecting** media documenting one’s workflow, processes, ideas, inspiration, challenges and goals.
- **Relating** this media to *events* within the community, *coworkers*, and other *media objects*.
- **Creating** sequences and webs of media that express and explain relevant topics.
- **Donating** both *collected media* and *assembled compositions* back to the community to be incorporated into ongoing threads of conversation.

#### The “Lifesampler?”

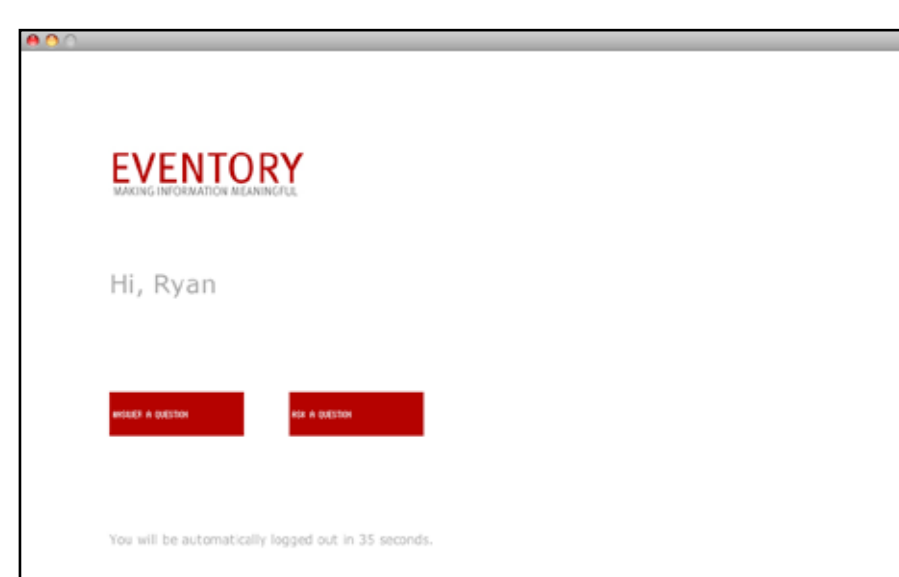
- A prototype situated hardware and software system that implements the Conversational Documentary model.



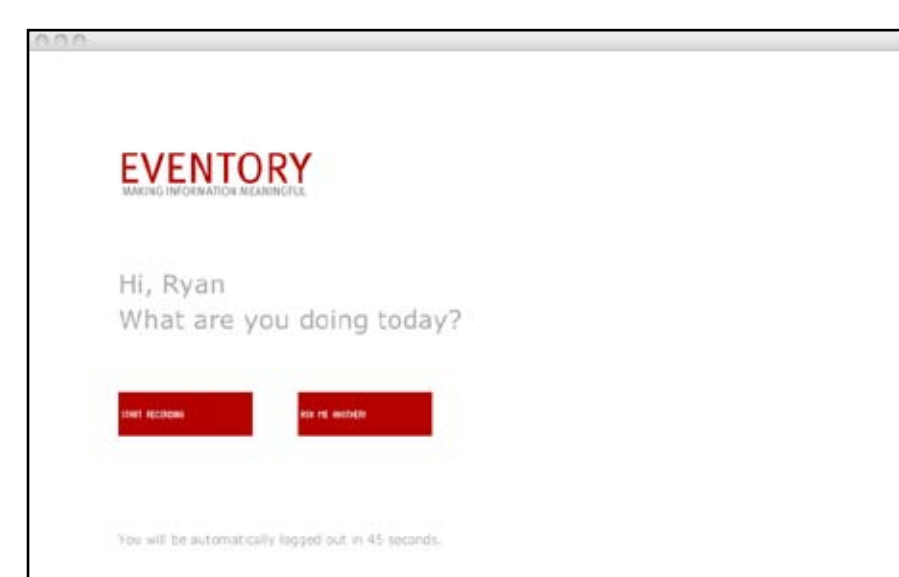
### (3) The LifeSampler Prototype System



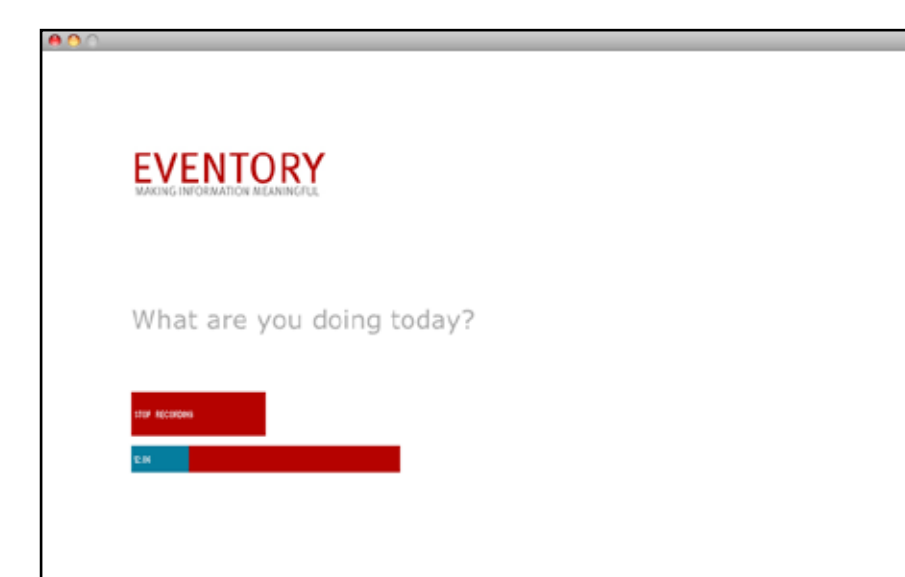
“Tag in” using a personalized RFID bracelet and Eventory Media Database login and password.



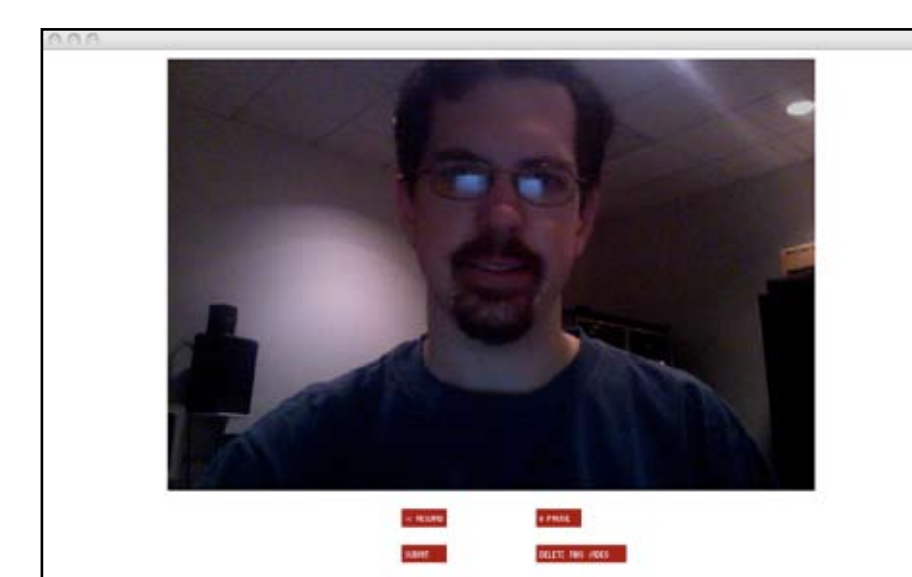
Opt to respond to an existing probe or submit a new probe to the system for future users to answer.



The system displays the prompt. Decide to start recording or request another prompt.



Speak into the camera. Recording time is limited to 60 seconds; a progress bar displays elapsed time.



Review your recording and submit it to the Eventory or discard it and re-record.

### (4) Preliminary Study

#### Study Description

- Five Participants, Five Days.
- Participants recorded responses and probes on the prototype LifeSampler, and viewed other participants’ responses in the Eventory

#### Preliminary Results

- 22 Probes and 38 Responses recorded
- Users contributed feedback driving future research directions

### (5) Future Research and Development Directions

#### Conversational Documentary Platform

- Intelligent Probe Selection
- Probe Browsing and Search
- Threaded Discussions In-Client

#### Situated LifeSampler Client

- Video Preview
- Synchronize Feature-Set with Platform

#### Web-Based LifeSampler Client

- Initial Development
- Eventory Integration

#### Eventory

- Improve Browsing and Search
- Data-Driven Story Synthesis
- Narrative Composition Tools

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