IPRO 327: A Video Annotation and Indexing System

Anton Orlichenko+Chris Osswald+Sergio Homawoo

Mid-Term Review

10.6.09

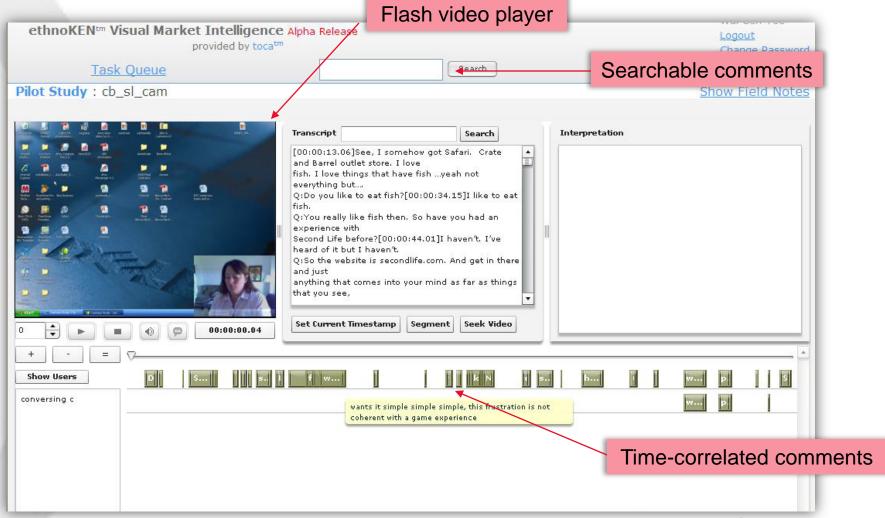# The Problem

+ IIT Online video

   – No scene comments

   – No content search

   – Compatibility issues

+ IIT Online discussion

   – Underutilized

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The Concept

Flash video player

Searchable comments

Time-correlated comments

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The Goal

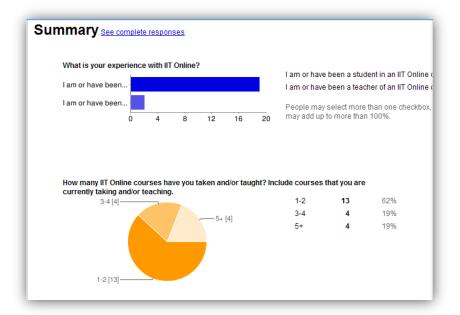**+** Deploy in classroom Spring 2010

+ Measure educational impact

Organization of Team

+ Phase I & II
- School Liaison
- User Liaison
- Development

+ Phase III
- Development/Integration
- Deliverables

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School Liaison Team

+ Functionality

– Brainstorming

– Survey

+ Integration

– OTS

User Liaison Team

+ User interface

 – Metrics

 – Flow

 – Prototype   **Related Systems** ───────▶   – YouTube

 – Testing   – Vimeo
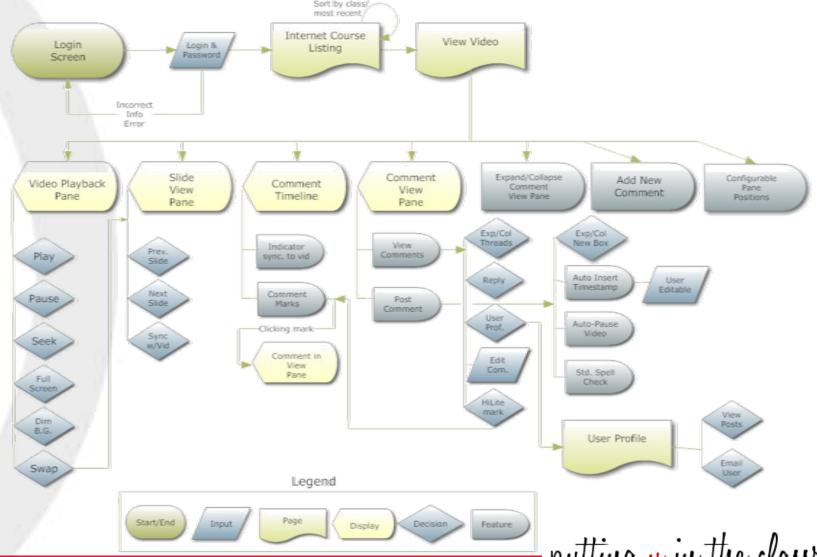
                                                                                          – AnyClip
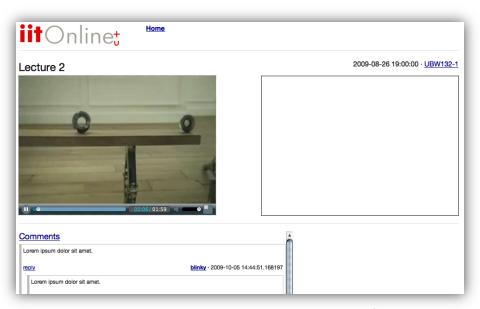
                                                                                          – Microsoft's MRAS

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User Liaison Team

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Development Team

+ Code

    – Scalability

    – Stability

+ Documentation

Progress

+ Completed

– Integration inquiry with OTS

– User interface metrics

– Prototype

Progress

+ Pending

   – Feature list finalized by 10.9.09

   – User testing

   – Feature coding

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Obstacles

+ Rapid planning phase

+ IRB application

+ User testing metrics

+ eduKen system prototype

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Anticipated Challenges

+ User testing

+ Code base

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Sponsors

+ Software: TOCA, LLC

+ Hardware: Sun Microsystems

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Requests

+ Take our survey

  – Link: IIT Today or IPRO e-mail

  – Contact smitant@iit.edu

+ Participate in user testing

  – Mid to late October (look for ads)

  – Contact cosswald@iit.edu

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Thank You!

+ Contacts

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Questions?

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