

iitOnline+

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IPRO 327: A Video Annotation and Indexing System

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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

The screenshot displays the ethnoKEN Visual Market Intelligence interface. At the top, it says "ethnoKEN™ Visual Market Intelligence Alpha Release provided by toca™". There are links for "Task Queue", "Logout", "Change Password", and "Show Field Notes". A search bar is present with a "Search" button. The main content area is titled "Pilot Study : cb_sl_cam" and features a video player on the left showing a desktop environment with a small video inset of a woman. To the right of the video is a "Transcript" panel with a search bar and a list of text segments with timestamps, such as "[00:00:13.06]See, I somehow got Safari. Crate and Barrel outlet store. I love fish. I love things that have fish ...yeah not everything but...". Below the transcript are buttons for "Set Current Timestamp", "Segment", and "Seek Video". To the right of the transcript is an "Interpretation" panel. At the bottom, there is a "Show Users" panel on the left and a timeline of video frames on the right. A yellow callout box points to a specific frame in the timeline, containing the text: "wants it simple simple simple, this frustration is not coherent with a game experience".

Flash video player

Searchable comments

Time-correlated comments

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The Goal

- + Deploy in classroom Spring 2010
- + Measure educational impact

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Organization of Team

+ Phase I & II

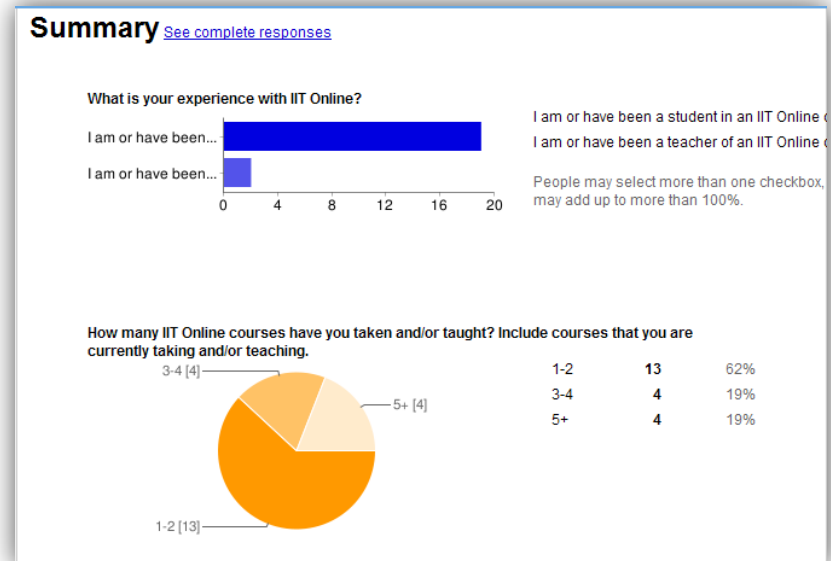
- School Liaison
- User Liaison
- Development

+ Phase III

- Development/Integration
- Deliverables

School Liaison Team

- + Functionality
 - Brainstorming
 - Survey
- + Integration
 - OTS



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User Liaison Team

+ User interface

- Metrics

- Flow

- Prototype Related Systems →

- Testing

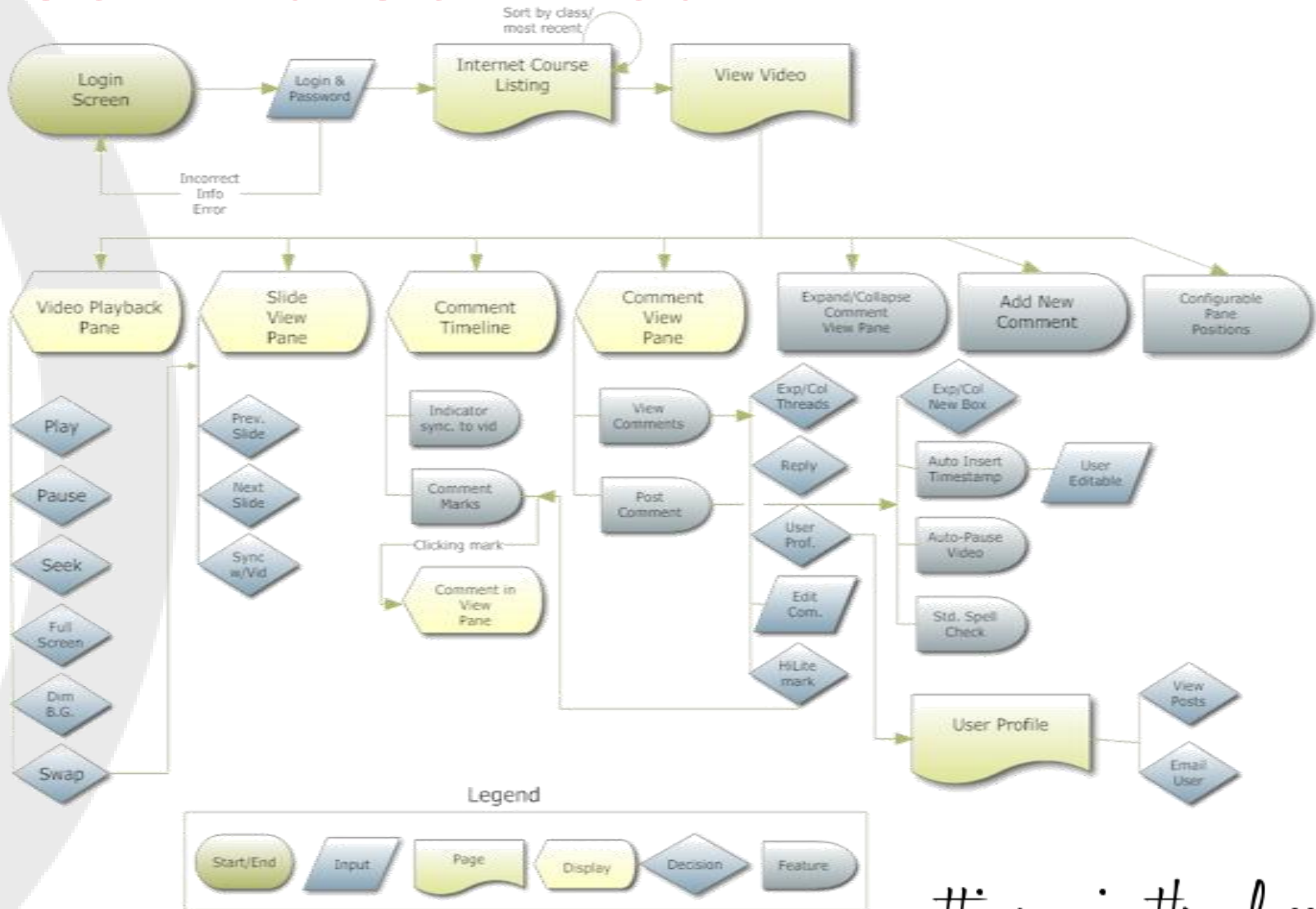
- YouTube

- Vimeo

- AnyClip

- Microsoft's MRAS

User Liaison Team



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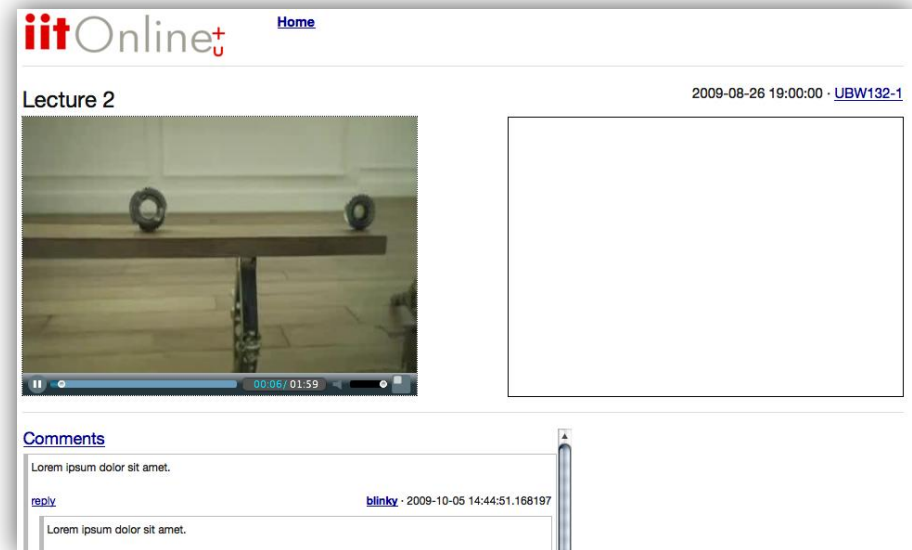
Development Team

- + Code
 - Scalability
 - Stability
- + Documentation

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Progress

- + Completed
 - Integration inquiry with OTS
 - User interface metrics
 - Prototype



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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

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

Thank You!

+ Contacts

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Questions?

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