

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 reads "ethnoKEN™ Visual Market Intelligence Alpha Release provided by toca™". A "Task Queue" section shows "Pilot Study : cb_sl_cam". A search bar is present with a "Search" button. A video player is embedded, showing a desktop environment with a taskbar and a small video feed of a person. Below the video, a "Transcript" panel contains text with timestamps: "[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... [00:00:34.15]I like to eat fish. [00:00:44.01]I haven't. I've heard of it but I haven't. [00:00:54.15]I like to eat fish. Q:You really like fish then. So have you had an experience with Second Life before? [00:00:54.15]I haven't. I've heard of it but I haven't. Q:So the website is secondlife.com. And get in there and just anything that comes into your mind as far as things that you see,". Below the transcript are buttons for "Set Current Timestamp", "Segment", and "Seek Video". To the right is an "Interpretation" panel. At the bottom, a "Show Users" panel shows "conversing c". A timeline at the bottom features a series of colored markers (D, S, f, w, k, N, h, w, p, s) and a comment box 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

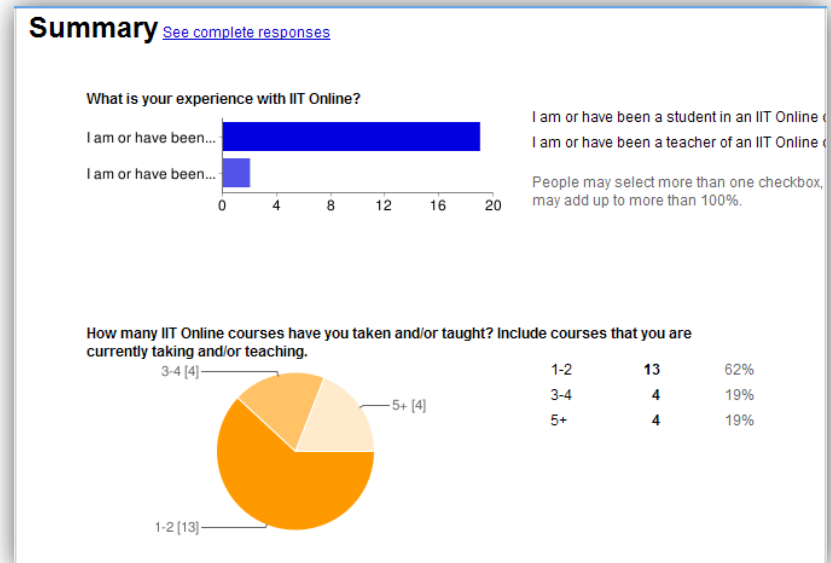
- School Liaison
- User Liaison
- Development

+ 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

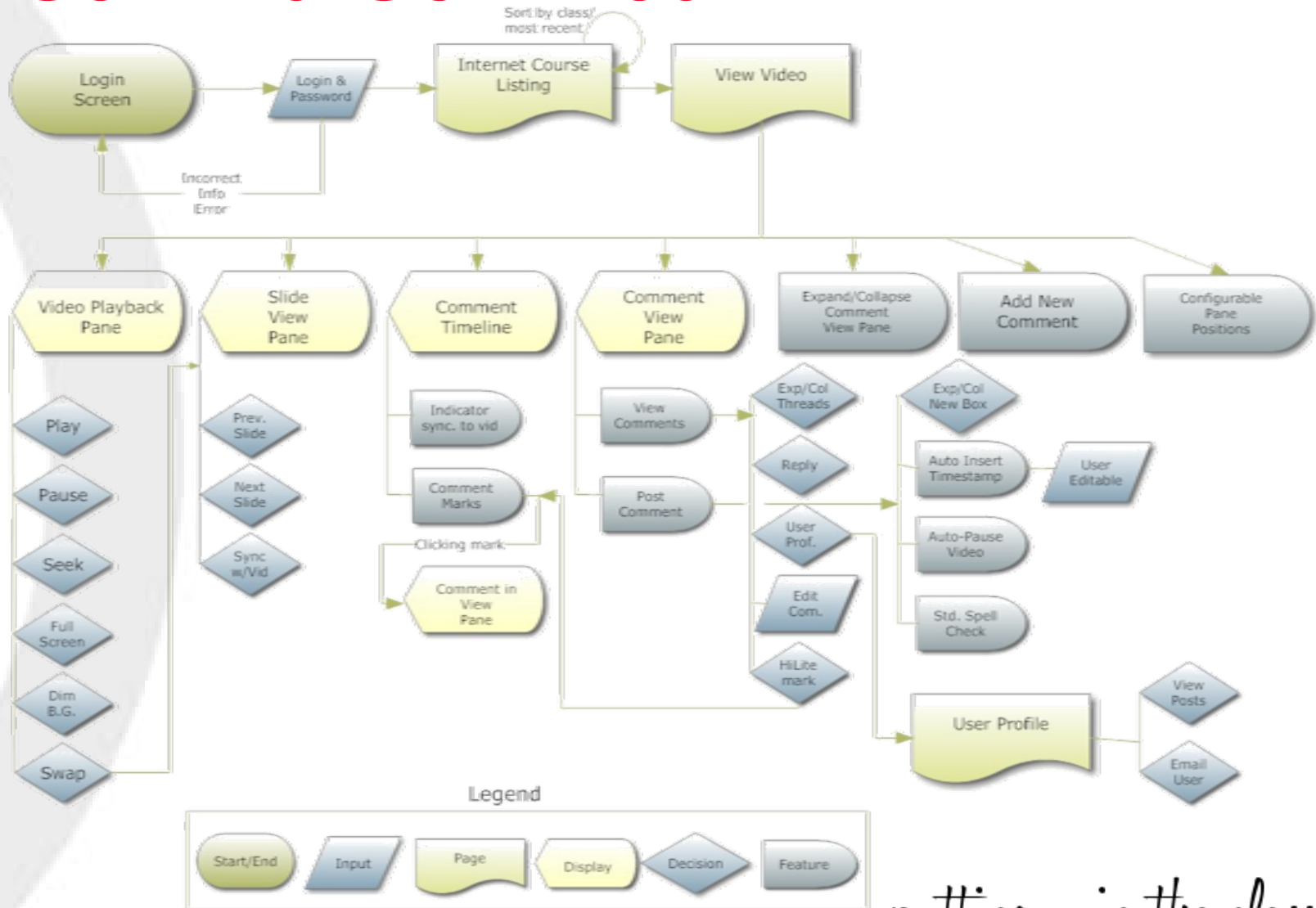
- YouTube

- Vimeo

- AnyClip

- Microsoft's MRAS

User Liaison Team



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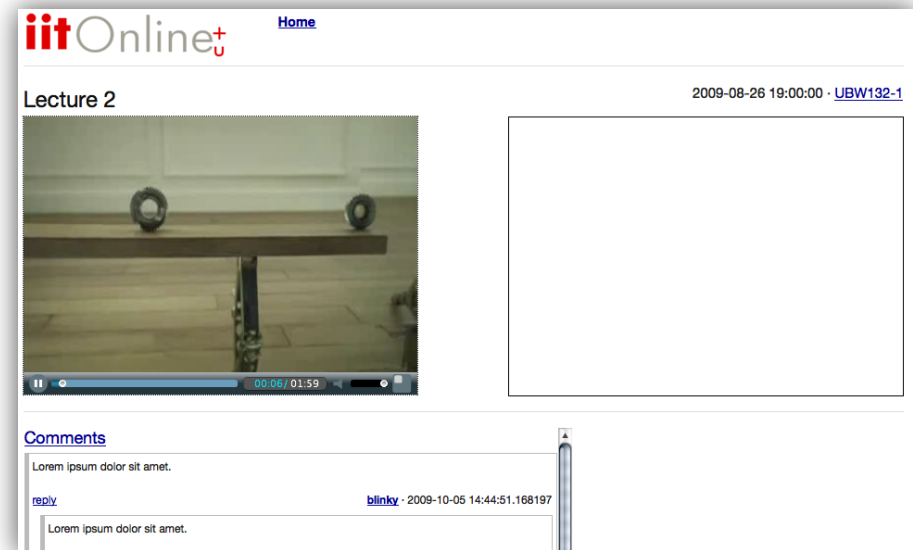
Development Team

- + 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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