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
The Concept

Flash video player

Searchable comments

Time-correlated comments

putting u in the classroom
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
School Liaison Team

- Functionality
  - Brainstorming
  - Survey
- Integration
  - OTS
User Liaison Team

+ User interface
  – Metrics
  – Flow
  – Prototype
  – Testing

Related Systems

– YouTube
– Vimeo
– AnyClip
– Microsoft’s MRAS
User Liaison Team
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
Obstacles

+ Rapid planning phase
+ IRB application
+ User testing metrics
+ eduKen system prototype
Anticipated Challenges

+ User testing
+ Code base
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
  – Jason Petsod, Team Leader
    jason@petsod.org
  – Wai Gen Yee, Faculty
    yee@iit.edu
Questions?