

Increasing Interaction in the Classroom with WLANs

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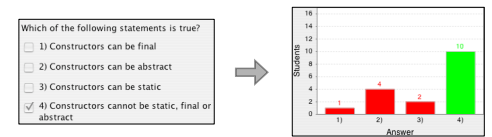
<http://lectcomm.sourceforge.net>

Overview

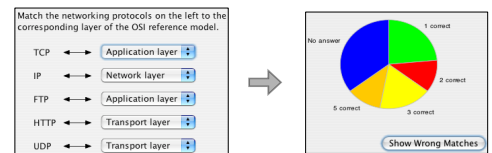
- Client/server communication system for the classroom to increase interactivity between students and instructor
- Goals
 - Enhance student participation to encourage active learning
 - Improve lecture quality due to continuous feedback
- Based on WLAN infrastructure and portable computers brought to class
- Aimed at classes with 20+ students
- Enables organized, bidirectional communication
 - Instructor asks questions related to lecture content or style
 - Questions of understanding from students can be rated by their colleagues
- Tool is not intended for grading or exams
- Used at ETH Zurich in 2nd year courses; more extensive use planned for spring/summer 2004
- Runs on all platforms/operating systems where Java ≥ 1.4 is available



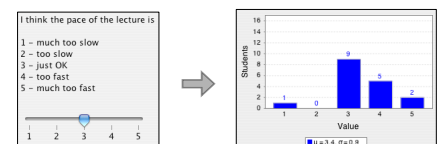
Assessment types



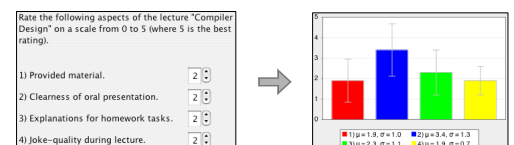
Multiple Choice Quiz



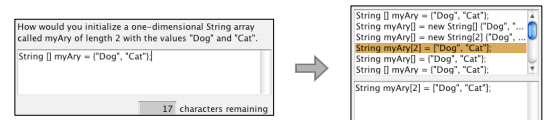
Matching



Lickert-Scale



Item Rating



Short Answer

Student questions

1. A student asks a question.

2. His fellow students rate it.

3. The instructor can first answer the most favored questions.