Ubiquitous Computing in Education
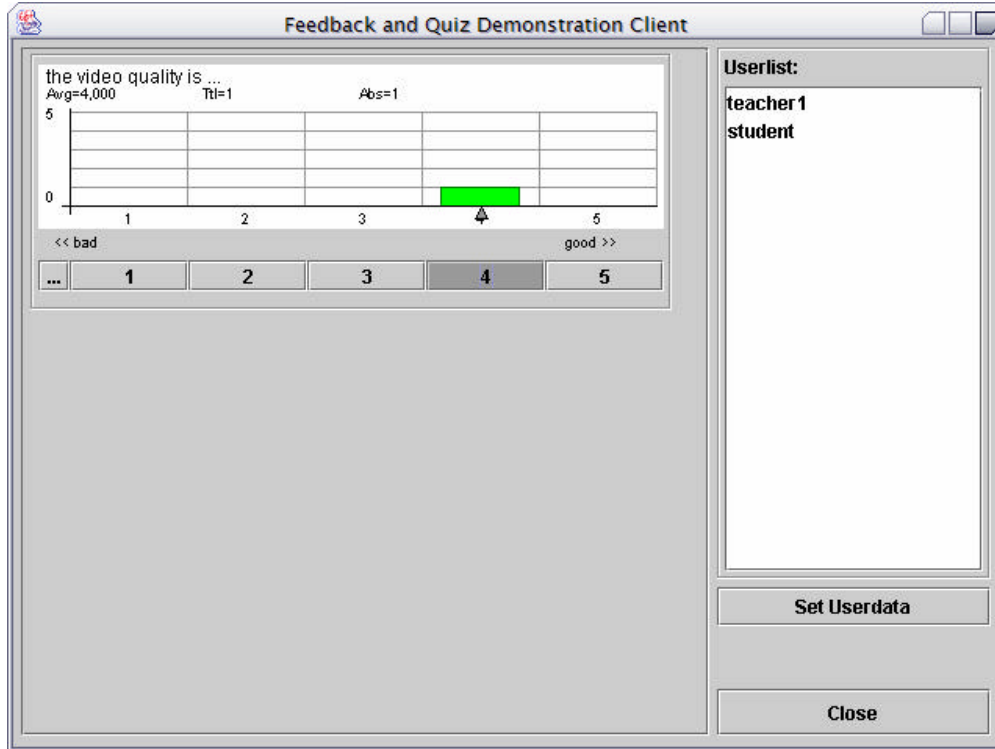
UCE-Client for Java2

1. Installation

Just unzip the contents of the archive "UCE_PC.zip" to the destination directory. Make sure that the Java 2 run-time environment (v1.4 or higher) is installed on your system.

2. Running the software

1. Double-click on "launch.bat" in the Explorer or execute it from command prompt.
2. After several seconds a logon window should appear. Enter your username and password as well as the server address.
3. Clicking on the "send" button will start the client.

3. Using the Client

The user interface is divided into two parts: Feedback and User Management.

3a. The feedback service
The feedback service is the default service that is immediately shown on the left side when the client starts. Initially this part may be blank, in this case the lecturer has not (yet) set up the topics for which you can vote.

When the client is started, it will automatically scan for existing topics. If at least one topic is available it will be shown as a bar graph on the screen. Multiple topics are shown beneath; if more than two topics are available a scroll bar will appear.

Above the bar graph some information is given: The description of the category, the number of votes and the average value. The bar graph below shows the actual distribution of votes.

Beneath the graph are several buttons with which you can set your own vote. The currently selected button is dark gray, the others are light gray. Most buttons are directly beneath the bar which they belong to; the smaller button left to them can be used to abstain.

To return to the feedback screen (after switching to another service) just click on the button showing a simplified bar graph.

3b. User Management
On the right side a list of all logged in users is shown. You can click on any entry to view some info about that user or to send him/her a short message which will appear on his/her screen immediately. To set your own user info, click on the "Set Userdata" button.

3c. The quiz service
When a quiz or vote is launched, it will appear as new window on your desktop.

The questions are multiple-choice with 3 to 6 statements. Either round radio buttons (only one can be selected simultaneously) or square check boxes (more than one selection possible) are shown next to each statement. After you have selected your answer, push the "send" button at the bottom. The window will then disappear.

It may be possible that a time limit is given. The remaining time is then shown at the bottom of the quiz window.

4. Closing the client

Just push the "close" button in the main interface window.