CACCE: Computer Aided Cooperative Classroom Environment

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Using computers in the classroom, teachers sometimes have to show the contents of their display to students or vice versa. Therefore we have developed Computer Aided Cooperative Classroom Environment: CACCE which is a WWW-based software. CACCE can work on any PCs, which are running on Windows 95/98 and connect with a network. We have designed it on the premise that a teacher prepares teaching materials written in HTML.

CACCE consists of a teacher's browser and student's browsers. One of the various features of CACCE is that it only sends the URL instead of the bitmap on the teacher’s browser to students. It doesn’t only work as a Web-browser, but also constructs a cooperative environment. The teacher can show his remark on every students’ browser, lecture using the feedback from the students, and so on. On the other hand, the students can browse the materials at their own pace.