Development of Web-based Groupware for Assisting Language Teaching

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TOKYO DENKI UNIVERSITY TDU Presents... Itself



Outline of the presentation

- Present problems in teaching/learning with computers
- Development of web-based groupware for assisting language teaching
- The differences from other systems
- Explanation of the functions of the groupware

- CALL Classrooms (specifically designed for language teaching)
- Computer-equipped Classrooms (for general purposes)
- School LAN and students' PCs
- Internet-connected home PCs

 CALL (Computer-Assisted Language Learning [Laboratory]



 Computer-equipped Classrooms (for general purposes)



School LAN and students' PCs





Internet-connected home PCs

Web-based Training (WBT)

WebCT

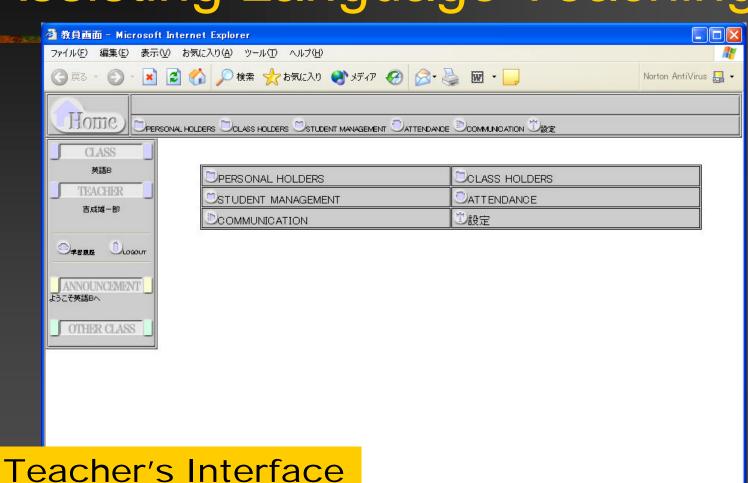
TopClass

WebClass



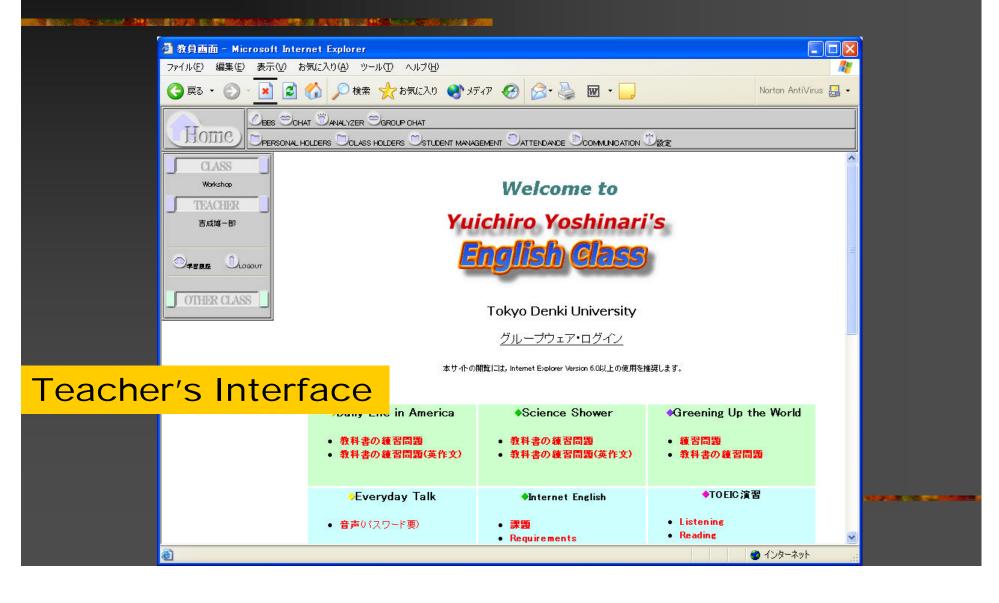
Present problems in teaching/learning with computers

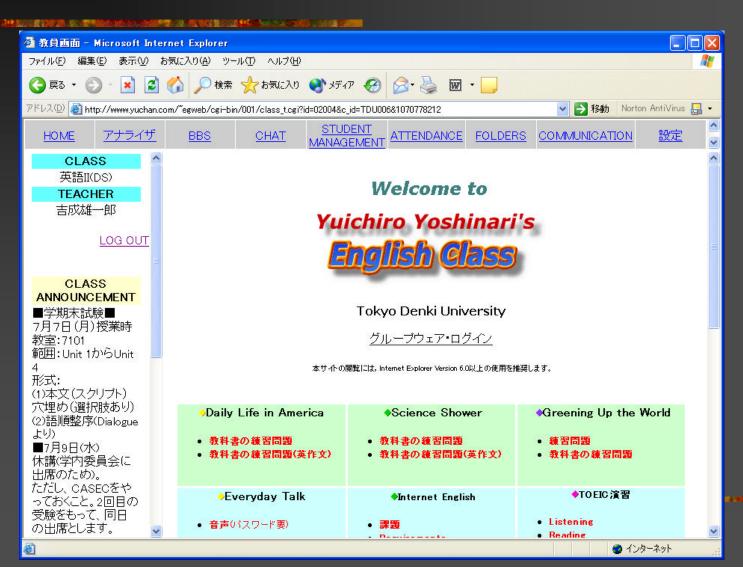
- Technical barrier for many language teachers
- Various environments



インターネット

ページが表示されました



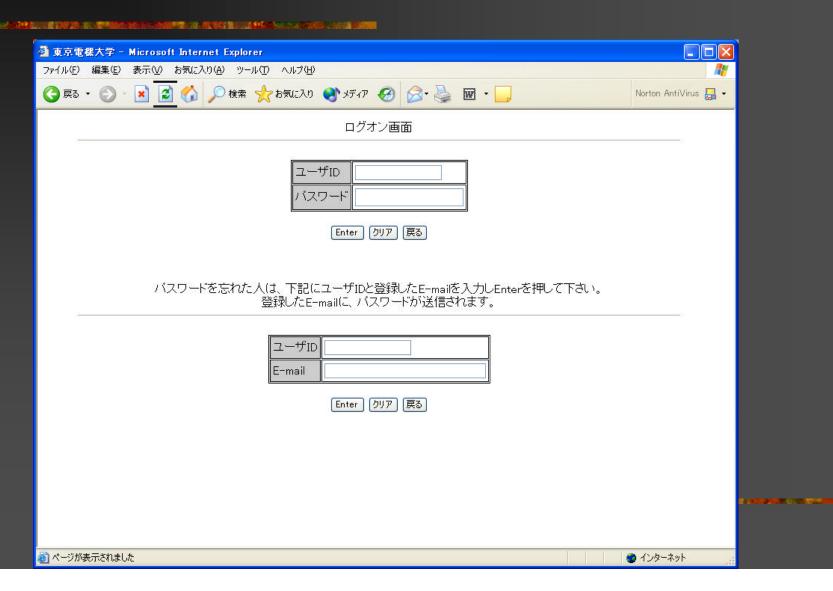


- Logon (user identification)
- Attendance check and automatic recording
- Announcement
- Shared folders
- File storage
- Quiz creation, delivery and tracking
- BBS(s)
- Chat room(s)
- Group chatting
- Analyzer
- Links

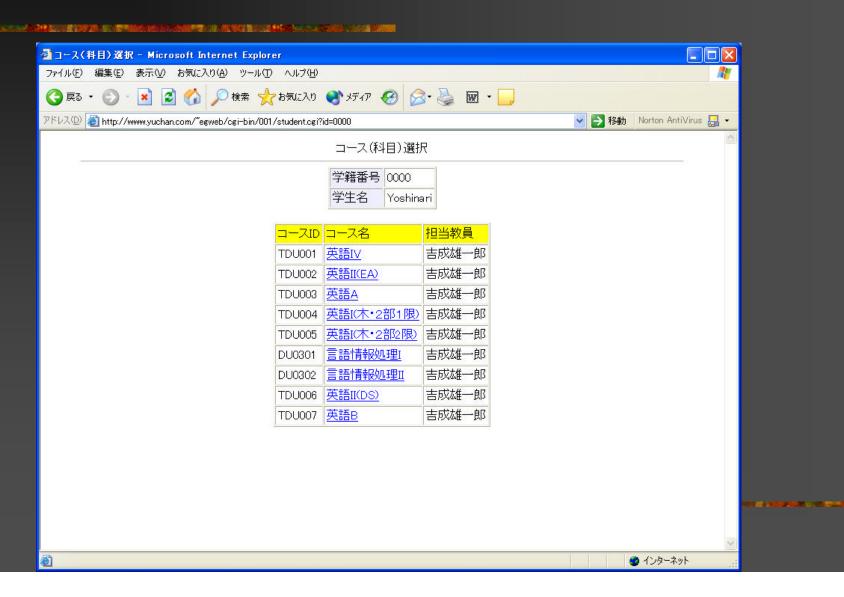
Three user levels

- System administrator level
- Teacher level
- Student level

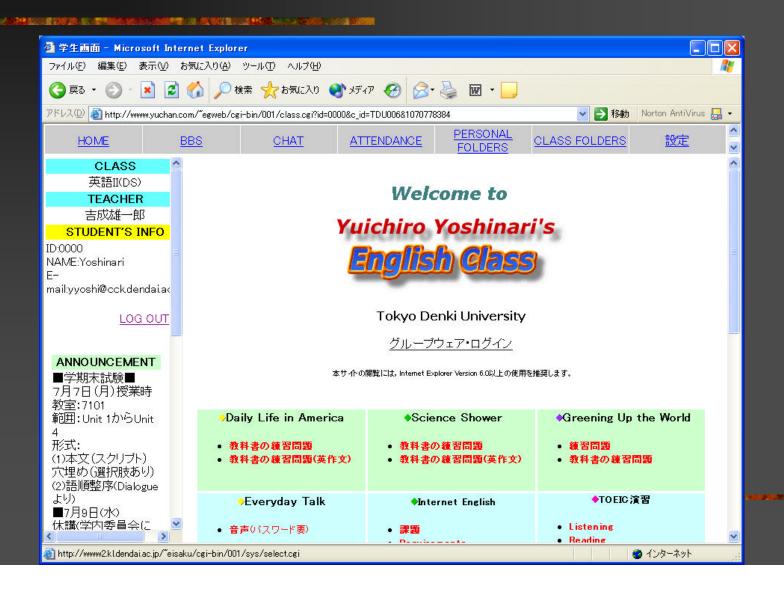
Logon



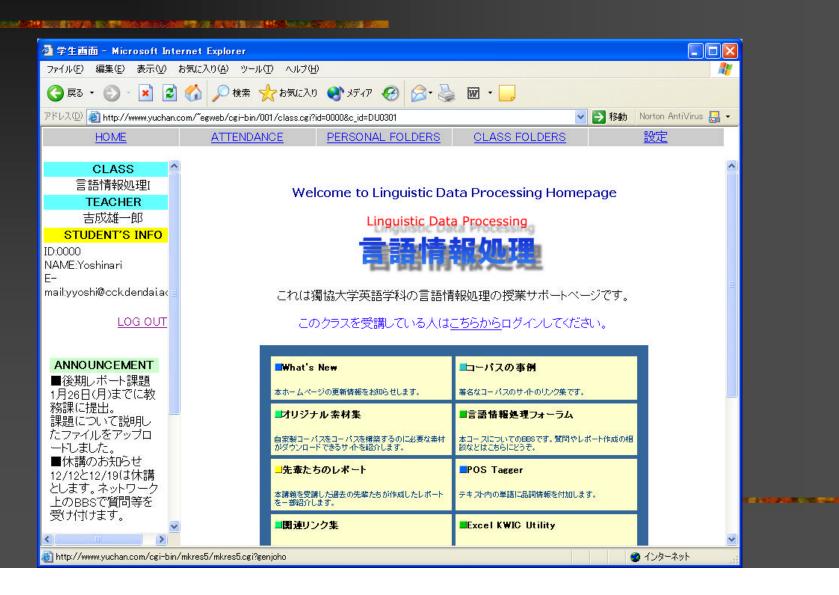
Select the class to enter



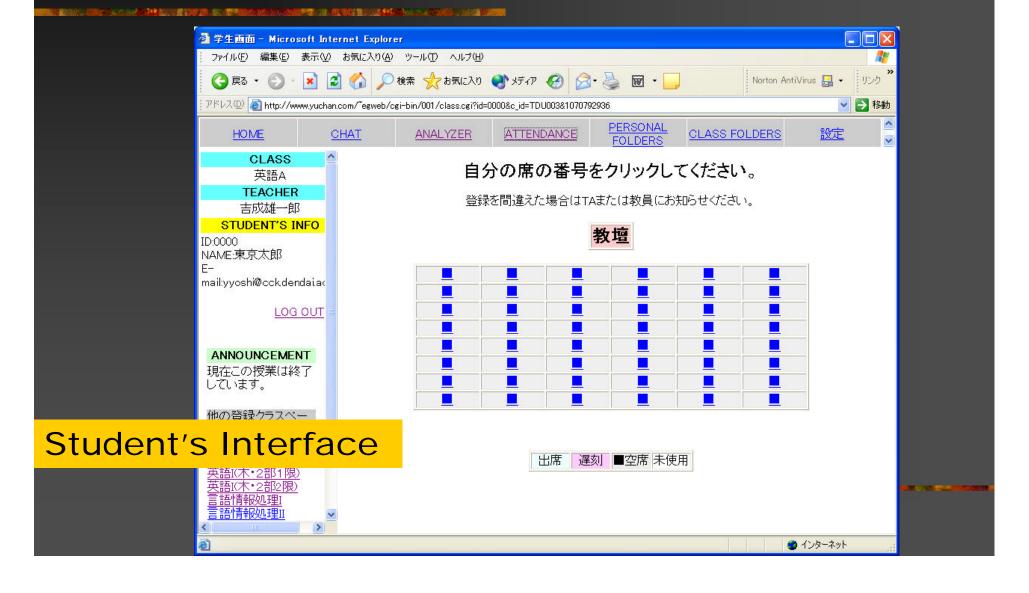
The class page appears.



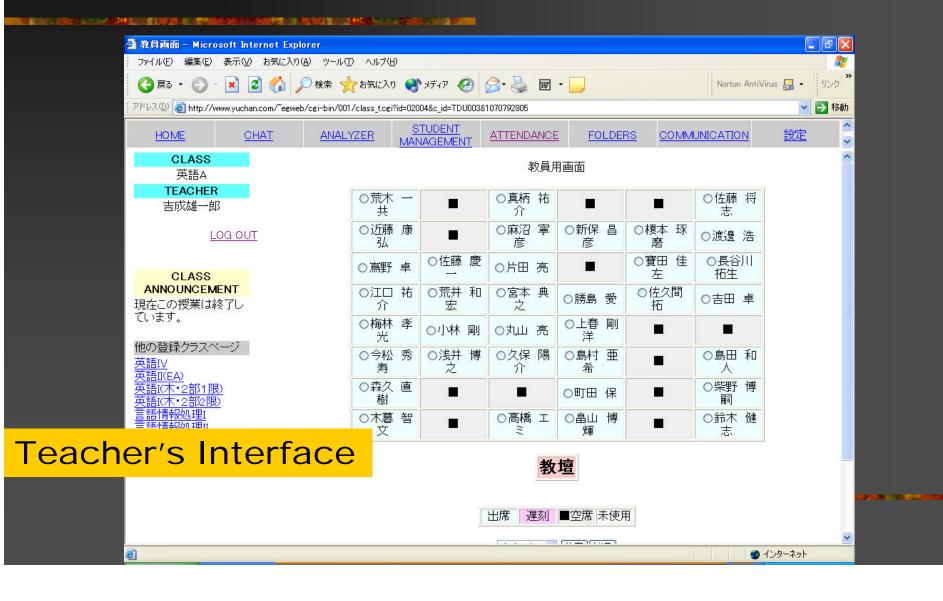
Another example of class page



Roll taking



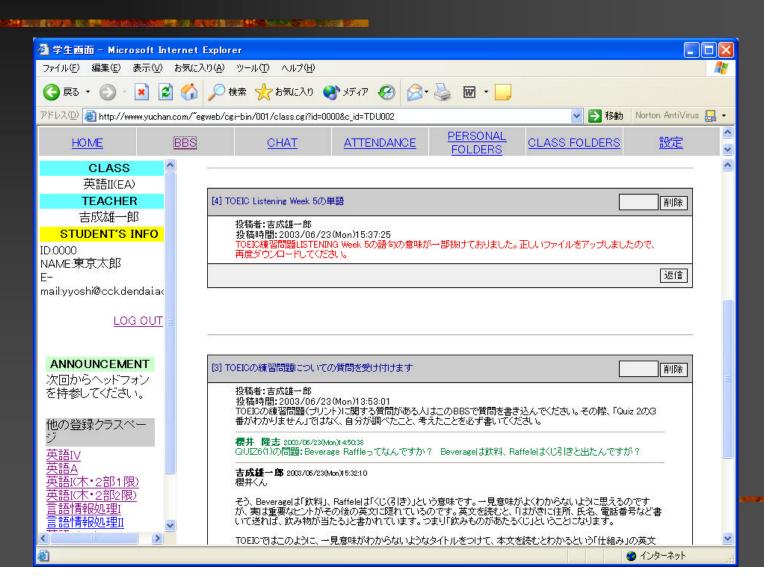
Role taking / Seat layout display



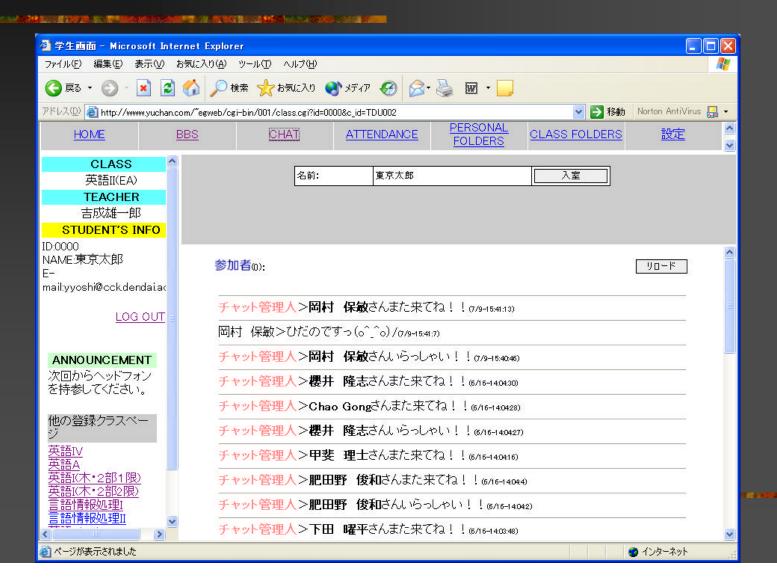
File storage



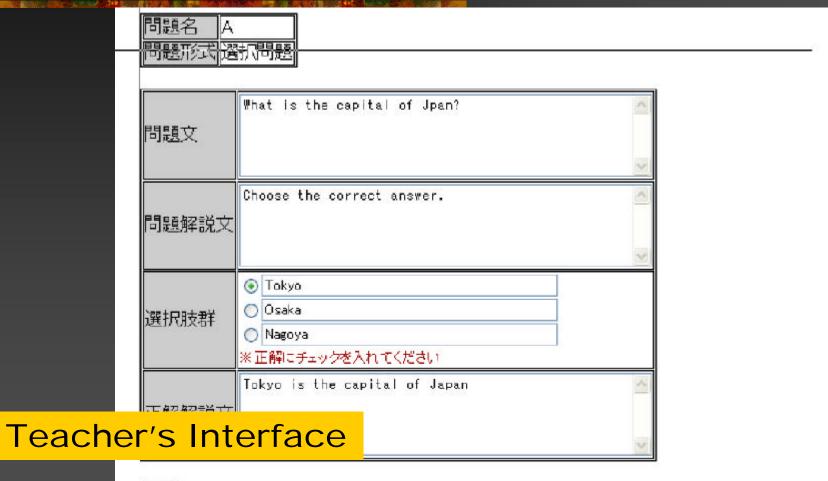
BBS (Bulletin Board System)



Chat room

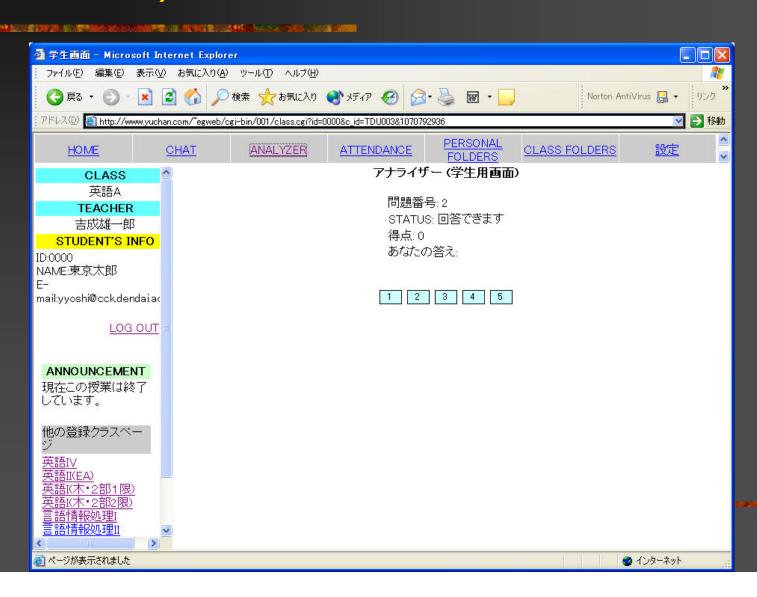


Online Quiz creation delivery and tracking





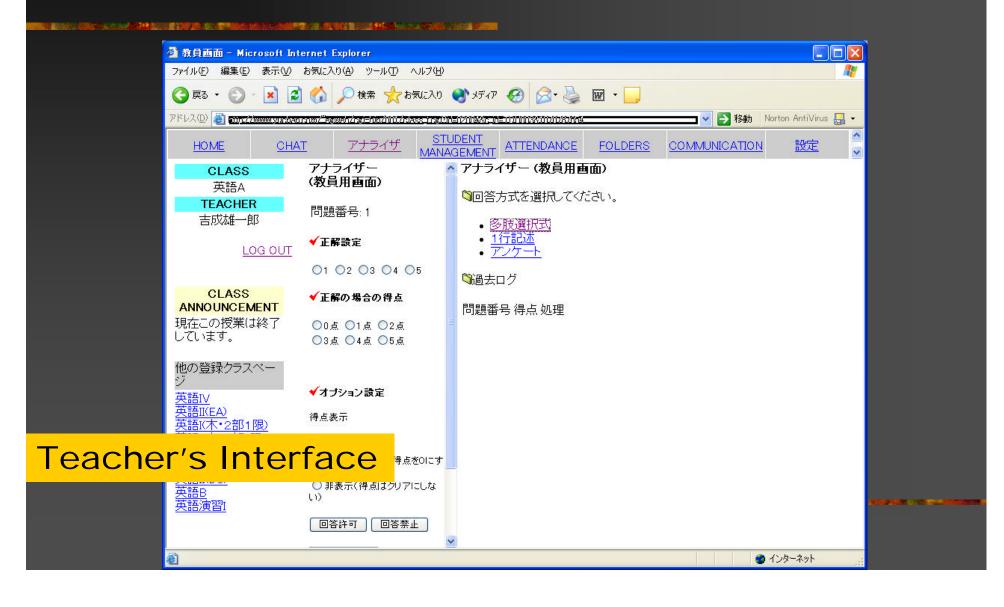
Response analyzer (Student's Interface)



Response analyzer (Teacher's Interface)



Response analyzer (Teacher's Interface)



Why is groupware needed?

- Uniformed environment anywhere
- Easy operation on teacher's side and on the student's side
- Flexibility (to meet the specific needs of each teacher)

What makes them different?

- CALL Classroom
 - Specifically designed for In-class language teaching
 - Computer-assisted teaching management
- WBT (Web-based Training)
 - Accessible from anywhere
 - Originally designed for online (distant) education
- Groupware
 - Accessible from anywhere
 - Assists both in-class and out-of-class teaching (learning)
 - Assists teaching management

Educational Groupware

http://www.seivi.com/cgi/