

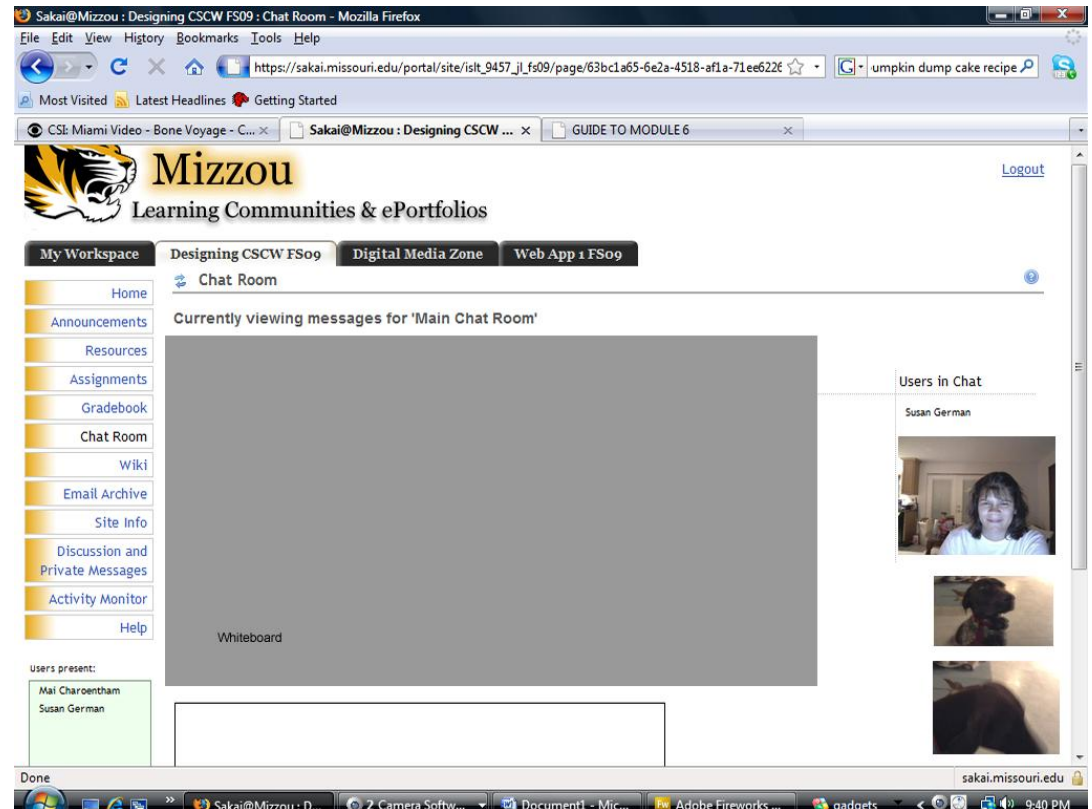
# Video Chat tool prototype for Sakai

Susan German

## Task 1 – Setting up the video chat

Students of the Sakai class enter the chat room. A small screen appears to the side to show who is in the room. There is a box at the bottom of the screen that allows students without microphone capability to type while other students can talk. The assumption is that all students will have sound capability.

The grey box is the whiteboard area. The coloring is grey because it is not in use. The whiteboard can be used to post documents or the brainstorm ideas. Students have the ability to edit documents as well.



The screenshot shows a web browser window displaying a Sakai Learning Communities & ePortfolios chat room. The browser's address bar shows the URL: [https://sakai.missouri.edu/portal/site/islt\\_9457\\_jl\\_fs09/page/63bc1a65-6e2a-4518-af1a-71ee6226](https://sakai.missouri.edu/portal/site/islt_9457_jl_fs09/page/63bc1a65-6e2a-4518-af1a-71ee6226). The page header includes the Mizzou logo and the text "Mizzou Learning Communities & ePortfolios". The main navigation menu includes "My Workspace", "Designing CSCW FS09", "Digital Media Zone", and "Web App FS09". The "Designing CSCW FS09" menu is expanded, showing "Chat Room" as the selected option. The chat room interface features a large grey "Whiteboard" area in the center, a "Users in Chat" panel on the right showing three video thumbnails (one for Susan German), and a "Users present:" list at the bottom left containing "Mai Charoentham" and "Susan German". The browser's taskbar at the bottom shows various open applications and the system clock at 9:40 PM.

# Co-editing of a document

Participants in the video chat can open documents to edit. The editing feature also has a similar utility as whiteboards. Meaning, mark up does not have to follow strictly MS WORD capability. Editors can mark through and write ideas similar to pen an paper editing. The software will take the edits as snapshots of the screen to capture the edits for future reference.

The screenshot shows a web browser window with the following elements:

- Browser Title Bar:** Sakai@Mizzou : Designing CSCW FS09 : Chat Room - Mozilla Firefox
- Address Bar:** [https://sakai.missouri.edu/portal/site/islt\\_9457\\_jl\\_fm09/page/63bc1a65-6e2a-4518-af1a-71ee6226](https://sakai.missouri.edu/portal/site/islt_9457_jl_fm09/page/63bc1a65-6e2a-4518-af1a-71ee6226)
- Navigation:** Home, Most Visited, Latest Headlines, Getting Started
- Page Header:** Mizzou Learning Communities & ePortfolios
- Navigation Menu:** My Workspace, Designing CSCW FS09, Digital Media Zone, Web App 1 FS09
- Chat Room:** Chat Room
- Microsoft Word Document:**
  - Content: Create the following table called "tblResponse" in your database named "MySurvey".
  - Table:

respID	userName	questionID	answer	responseTime
1	AAA	1	3	Oct 1 2008 11:12:58 AM
2	AAA	2	2	Oct 1 2008 11:12:58 AM
3	BBB	1	2	Oct 3 2008 10:25:59 AM
4	BBB	2	2	Oct 3 2008 10:25:59 AM
5	CCC	1	1	Oct 4 2008 08:12:44 AM
  - Annotations: A red arrow points to the second row of the table with the text "Not the correct information in the table".
  - Text: "Keep this" is written next to the SQL queries below the table.
  - SQL Queries:

```
Q1. Write a SQL query that retrieves/SELECTs all records from the tblResponse table.
SELECT * FROM (tblResponse)

Q2. Write a SQL query that retrieves only the records whose username is "BBB."
SELECT respID, userName, questionID, answer, responseTime
FROM tblResponse
WHERE (userName = 'BBB')
```
- Users in Chat:** Susan German, Mai Charoentham, Susan German
- Taskbar:** Windows taskbar showing the time as 9:40 PM.

## Missed chat archives

If a group member could not be available during a chat time, it is still possible for them to review the chat of the group. This will help keep student groups in sync with each other. Students can also access a written transcript of the chat if need be.

This function also would be handy for the professor/instructor of the course. The professor/instructor can review the chat sessions in order to monitor student comprehension of the material, to check how well students are working together, and to check progress on projects assigned.

The screenshot shows a web browser window with the address bar displaying [https://sakai.missouri.edu/portal/site/sit\\_9457\\_jl\\_fm09/page/63bc1a65-6e2a-4518-af1a-71ee6226](https://sakai.missouri.edu/portal/site/sit_9457_jl_fm09/page/63bc1a65-6e2a-4518-af1a-71ee6226). The page title is "Sakai@Mizzou : Designing CSCW FS09 : Chat Room - Mozilla Firefox". The browser tabs include "CS: Miami Video - Bone Voyage - C...", "Sakai@Mizzou : Designing CSCW ...", and "GUIDE TO MODULE 6".

The page header features the Mizzou logo and the text "Mizzou Learning Communities & ePortfolios". A "Logout" link is visible in the top right corner. Below the header, there are navigation tabs for "My Workspace", "Designing CSCW FS09", "Digital Media Zone", and "Web App 1 FS09". The "Designing CSCW FS09" tab is active, and the "Chat Room" sub-tab is selected.

The main content area displays "Currently viewing messages for 'Main Chat Room'". Below this, there are dropdown menus for "View" (set to "Date and Time") and "Past 3 days". A message states: "All chat messages are archived and can be read by any site participant." To the right of this message is a section titled "Users in Chat".

Below the message, there is a list of archived chat sessions:

- Archived video chat for group 3 - [October 30th, 2009](#) Written [transcript](#)
- Archived video chat for group 5 - [October 14th, 2009](#) Written [transcript](#)
- Archived video chat for group 5 - [October 13th 2009](#) Written [transcript](#)

At the bottom left, there is a "Users present:" section with a list of names: "Mai Charoentham" and "Susan German".

The browser's status bar at the bottom shows "Done" and the URL "sakai.missouri.edu". The taskbar at the bottom of the screen displays various application icons, including "Sakai@Mizzou : D...", "2 Camera Softw...", "Document1 - Mic...", "Adobe Fireworks ...", and "gadgets". The system clock shows "9:40 PM".

## In control of the edits

The user whose picture is slightly bigger than the other pictures is in control of the editing work .

Other group members can have control of the screen. A user can press the button that is marked switch user control. The signal will be sent to the user in control that there is a request for control of the editing features. The user in control grants permission, and the pictures switch size to indicate that editing control has been given to a new member of the group.

The screenshot shows a Mozilla Firefox browser window displaying a Sakai chat room. The browser's address bar shows the URL: [https://sakai.missouri.edu/portal/site/isit\\_9457\\_jl\\_fr09/page/63bc1a65-6e2a-4518-af1a-71ee6226](https://sakai.missouri.edu/portal/site/isit_9457_jl_fr09/page/63bc1a65-6e2a-4518-af1a-71ee6226). The page title is "Sakai@Mizzou : Designing CSCW FS09 : Chat Room - Mozilla Firefox".

The chat room interface includes a navigation menu on the left with items like Home, Announcements, Resources, Assignments, Gradebook, Chat Room, Wiki, Email Archive, Site Info, Discussion and Private Messages, Activity Monitor, and Help. The main content area shows a "Chat Room" section with a "Currently viewing messages for 'Main Chat Room'" and a "View" dropdown set to "Date and Time" and "Past 3 days".

A large message box is displayed, containing a photograph of two deer and the text "What if we use this picture?". The photograph is significantly larger than the other images in the chat room, indicating that the user who posted it is currently in control of the editing work.

On the right side, there is a "Users in Chat" section showing three user avatars. Below this, a "Switch user control" button is visible, which is currently disabled (greyed out).

The bottom of the browser window shows the system tray with the time "9:40 PM" and the URL "sakai.missouri.edu".