

Video Client

Design and implement an Android client to allow users to watch class videos, ask and answer questions about the videos. Users need to be able to see the list of courses they have videos for, list of videos in each course, questions for a video, ask a question and answer questions.

Class Server

The class server is running on

Machine: bismarck.sdsu.edu

Port: 8008 (note this is a different port than the Mars server)

Milestones

Oct 19. Login using nonce and safelogin and display a list of videos.

Oct 28. Play videos, ask questions.

Nov 4. Client Due.

Grading

Oct 19 Milestone, 5% of course grade

Client will be run to insure can login and display list of videos. Logging in worth 15 points.
List of videos worth 15 points.

Oct 28. Milestone, 5% of course grade

Client will be run to insure can play video and ask questions. Playing video worth 15 points.
Asking questions worth 15 points.

Final client 20% of course grade.

Your client needs to be able to do the following things:

Login into the server. A user has to be able to enter a user id and password and then log in via the safeLogin.

Select a course from a list of the courses they are enrolled in. Once they have selected a course and done other things (watch videos, ask questions, etc) they need to be able to select another course.

Selecting a video to watch. The user needs to be able to select a video from the list of videos for a course and watch the video. They need to be able to pause the video, resume the video, replay sections of the video, and select where in the video that the video should play.

Ask a question. The user needs to be able to ask a question about a video. While watching a video the users needs to be able to ask a question. The question needs to be correctly sent to the server.

Questions and Answers. Users need a way to see which questions have been asked. They need to be able to start the video at the correct point for the question. They need a way to know if a question has not been answered. They need to be able to answer a question (with the answer being correctly sent to the server). The user needs to be able to see all the answers submitted for a question.

Grading

	% of Grade
Login	10
Course List	5
Video List	15
Ask a Question	10
Play Video for a Question	10
Answer a Question	10
Show questions asked	10
Show answers to a question	10
Quality of UI	10
Quality of Code	10

What to turn in

For your final turn in you **MUST** turn in **ALL** of your source code in the **form of a Android Eclipse project**. There will be an **additional** 15% penalty for projects that are not complete when I grade them. This penalty is on TOP of the normal late penalty. The late penalty is computed from the date the you turn in ALL of your project. **The project is to be turn in via the Course Portal**. DO NOT turn the project or any part of it via email.