

## Assignment 10 – Class Video File Guidelines and Assessment Rubric

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We're going to expand on the class photo viewer from assignment 6 so that we can now take a look at photos and hear how each name is pronounced (with the hope that these multiple representations will facilitate better encoding into long term memory, not to mention clarify pronunciation).

Functionality required includes (note some of these were covered in your previous submissions, the new stuff is in bold):

- Navigation (buttons) for “next” “previous” “first” and “last” that take you only to different class members.
- **Add in a sound for the “next” “previous” “first” and “last” buttons. You can either choose something that reinforces the content (playing video) or something a bit more functional (such as a button click).**
  - **You'll need a linkage name for your sound in the library (e.g. use actionscript rather than sticking these in timeline).**
- You should also have the navigation to credits.
- Navigation from credits back to the last viewed class member.
- Note that these videos have already been encoded as .f4v files using the flash video encoder. If you want to play around with the video encoder I'm happy to send you the original .m4v files.
- **Each video should be played using a single instance of the FLVPlayback component.**
  - **Assume the videos are in the same directory as the .fla file.**
    - **Your points will be higher** if you have one FLVPlayback component, and you update the source using actionscript. (hint you need an instance name for your FLVPlayback component and then you'll update the .video property using actionscript in each frame).
  - You don't need to include the .f4v files, assume that I'll have the same files using the same file names when we check your project to make sure it works. *This will be under the assumption that your .fla/.swf files are in the same directory as the .f4v files.* Make sure that your pathing doesn't involve any absolute references to your own hard drive—just the name of the file.
- **Add in a missing class member (Andrew Walker), make sure you place him in a position that maintains your original order (e.g. alphabetical by first or last name).**
- **Clean up your library, you no longer need the image files.**

**If you are already well versed in Flash:** Use the array structure from your previous assignment but instead of loading .jpg files, load .f4v videos to the FLVPlayback component. You might try customizing the flash video playback component. Or introducing a sound level for the audio that works across all of the videos—or perhaps a little easier a “mute” button.

- Deliverables: flash development file (.fla)
- Submit to: course website
- File Naming convention: assignment10{YourName}.fla (so if your name were Sam Walker you would submit assignment10SamWalker.flas).

## Assessment Rubric

Your assignment will be assessed using the following rubric:

Criteria	Points
Do you use a consistent naming convention for layers, symbols, and pseudo-symbols—in this case the image bitmaps? Did all of your layers have a meaningful name? (e.g. "layer 1" is not an option)	1 points
Is your project easy to change and update? <ul style="list-style-type: none"><li>• you should have only the number of instances you absolutely need for each symbol (including the playback component!)</li><li>• you should use consistent tab stops for your code—don't be shy about using the autoformat button in the actions window.</li><li>• Finally, you should not have any "magic numbers." For the purposes of this class, a magic number is defined as a value in ActionScript that is used in more than one piece of code, but not updatable in one place.</li></ul>	2 points
Do you have a well organized timeline (related layers are near each other, elements are where they are promised—e.g. student videos are in the videos layer, not the buttons layer).	2 points
Are all of the bolded ( <b>new</b> ) required elements (see above) present and working correctly?	4 points
Is the assignment personalized (e.g. not a reproduction of the spoiler video).	1 point
Total	10 points