**A MODEL OUTLINE FOR YOUR PROJECT VIDEO:**

1. Title Slide: big image of the prototype or a video clip of the prototype. Whether your video starts with a big image or a video clip, showing people using your design, with a big title and your graphic identity for the design (aka “logo”).
2. Briefly, in text or spoken words, an introduction of the big idea with accompanying video footage, or a series of still photos, that give the best sense of the prototype in a few seconds.
3. Briefly, photo(s) and/or diagram(s) for the motivation/need for this prototype, and what the prototype offers in response. Don’t spend too much time on this; judge how much time is needed, and use video clips or images wisely to make your point.
4. Tell the story of typical user(s) using the prototype in whatever space you expect your device to be used. If it’s meant to be outdoors or in the library, shoot your video outdoors or in the library. Think like a filmmaker about location and framing your video capture. As needed, after you collect your raw video footage, cut and splice (edit) to allow quick passage of time. Telling the story should account for most of the duration of the video – its key component.
5. Briefly, close the video with the “big idea” of what your prototype can do for the world, and what the future might bring, accompanied by brief video footage and/or series of still images of the prototype with people using it, and the name and the identity of the design, with a tag line (as with opening title). The last thing we should see in your video is someone interacting with your prototype.

**VIDEO requirements | MP4, < 3 MINUTES, < 30MB**

**Your video must be MP4, less then 3 minutes, and less than 30 MB, in 1920×1080 (1080p) resolution.** The requirements of time limit, resolution, codec, and other details roughly follow the requirements for the CHI Video Showcase (deadline for submission is January—consider submitting!).

See, e.g., <https://chi2018.acm.org/authors/video-showcase/> (you can update the year by searching for “20[current year] CHI video”). Review CHI’s [Technical Guidelines page](https://chi2018.acm.org/technical-requirements-and-guidelines-for-videos-at-chi) as well as the [Guide to a Successful Video Submission.](https://chi2018.acm.org/guide-to-submitting-a-video-as-supplemental-material)

**Example VIDEOs**

See examples on the webpages for my courses, videos of [example interactive artifacts](https://interactions.acm.org/enter/section/demo-hour) from the **ACM "Demo Hour** (we viewed some of these in class), and the ([ACM DL](http://dl.acm.org/)).

**WARNING ABOUT USING MUSIC**

If music is used in the video, it cannot be copyrighted music. This means make your own music, or locate music with no copyright, or don’t use music. For my ART video (30 seconds for CHI), I wrote/performed the music myself. For CyberPLAYce, I used music via “creative commons”: <http://creativecommons.org/legalmusicforvideos>, which offers a link, for instance, to A “Free Music Archive” where you can select music from categories (e.g. <http://freemusicarchive.org/genre/Electronic/>). When introducing music into your video the key point is to select music that “fits” your project rather than only providing an ambient backdrop. A “techno groove” or “ambient electronic” track might be the wrong music to establish the emotional atmosphere for your project!

**REDUCING FILE SIZE AND CHANGING CODECS** (from, e.g. iMovie to MP4)

**As noted above, your video must be MP4, less then 3 minutes and less than 30 MB, in 1920×1080 (1080p) resolution.** You will likely need to reduce the file size and may need to change the codec (the file extension) of your raw video created in iMove, WMV, or other video making software. A free, downloadable app used widely for this purpose is *HandBrake* (<https://handbrake.fr/>). Here is how you make these changes – they are easy to make:

1. In the onscreen window of Handbrake, rename your file and not the file location target (desktop, documents) so you can find the new file.

2. Select the Codec as **MP4** (if your video is not already MP4).

3. Make sure Dimensions are **1080p (1920×1080).** If they are not, set Cropping to Custom and enter 1920x1080.

4. **The main thing you are doing to reduce file size:** Moving the slider for “Quality” to a lower resolution (**lower RF**) will result in **smaller file size** but relatively poorer image quality upon playback. But the image quality, to most eyes, is imperceptible! For example, I slid from the given **RF 22 to RF 28** which reduced my 175MB+ file to a 12MB 1.5-minute video or a 25MB 3-minute video), and I see no difference in video quality. A little experimenting may be required for best results.

5. Finally, click the button to begin the conversion and wait for the resulting file to appear on your desktop or documents folder – whichever you designated when you changed the name.