Homework 11: Technical Feasibility and Prototype

Due: Friday 4/12 @ 4pm on Courseworks

Turn in one 1 pdf with your answers. You may call it whatever you like.
- 1 pdf for the write up called **write-up.pdf**
- A pdf or zip file of essential media assets for idea A called **ideas_a.pdf (or zip)**
- A pdf or zip file of essential media assets for idea B called **ideas_b.pdf (or zip)**
- A short video of your technical prototype in action called **technical_prototype.mov**

1. Restate the two ideas you are deciding between working for as your final project.
   a. Who is the person this will benefit?
   b. What media will they interact with?
   c. What interaction will they have?
   d. What goal will they achieve? (This goal must be more than just searching data)
   e. What will they see in order to know that their goal is achieved within the site?
2. For both of these ideas, find 3 applications (each) that are solve a similar problem, or part of a problem. You are looking for inspiration, and to assess what the state of the art is. However, your final design will be different because it is tailored to a different user group or sub problem.
   a. What is the site (or application)? How is it related to your idea?
   b. Show us a screenshot or other image of the application
   c. Name two aspects of the solution or the design might you want to incorporate into your design? For each aspect, give a short description of how this could be useful to your design. (A short paragraph is enough)
3. For both of these ideas, identify the media you will concrete use to build a prototype of the site. For both ideas, do the following
   a. Include that essential media assets – images, audio, graphics, video, etc in a zip file or PDF that you will turn in. Instead of full videos (which are large), you can turn in a document with screenshots of videos as well as a URL to the video online (like YouTube). We
      i. For example, for the Zumba Playlist, I would turn in screenshots of 10 music videos that are appropriate for the application to include in my default set of videos.
   b. In the write-up, pick one of the most critical or interesting pieces of media and write a few sentences describing why you picked if over other alternatives.
4. For both those these ideas, what are the biggest technical risks? In other words, what is the thing you need to create a technical prototype of first, to assess whether this idea is feasible?
5. Pick one of your ideas that you will be pursuing for the rest of this semester and create a technical prototype to assess the technical feasibility.
   a. Take a video of your technical prototype in action. Show it completing the goal.

i. For example, for the Zumba Playlist, I would prototype using drag and drop on video tiles. I would include a video of a site that shows the user. allows you to drag a video from one div to another.