

Weekly Report

This week was a little of a slow week although we plan to catch up this week and over spring break. This week I was still working on displaying the images from the database. Right now, the code pulls everything from the table associated with the user ID and stores it in a datatable object type. From there is where the problem is. There is very little resources on how to format images on a page. The current page is a grid view page but I'm not sure how to add the images to the screen when I don't know how many will be there. Most examples use just a single photo or a set number of photos. I may adjust it to only show something like the 6 most recent and give them the option to select a date they want to view older images from. This week Trey will be giving me the pi to work on since he will be out of town for spring break.

For next week and over spring break

In this time I plan to set up the pi with the database and decide/test which streaming method we are going to use. Right now, I think our best option is to use the functions the pi has and to use a service such as icecast to put them together. Once we've set this up we can test the latency and see if this is a viable option.

Possible problems

One problem we face is finding the option with the lowest latency. I was able to disregard some options based on the latency that users said they experienced. For the conversation to seem natural the latency really cannot be longer than around 3 seconds. My real goal is 2 or under but I won't know if that is possible until I try.

We fell a little behind on our timeline but we will make it up with the extra time we have for spring break which wasn't factored into our Gantt chart.