BANG PHAM

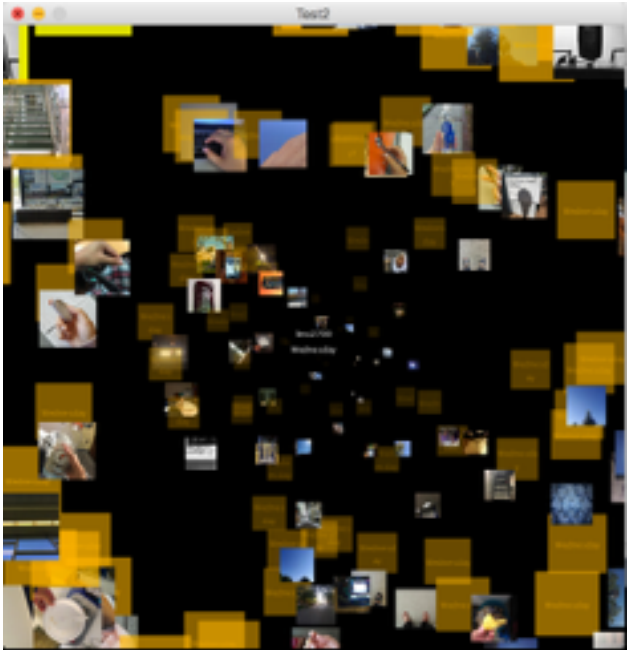
LMC 2700

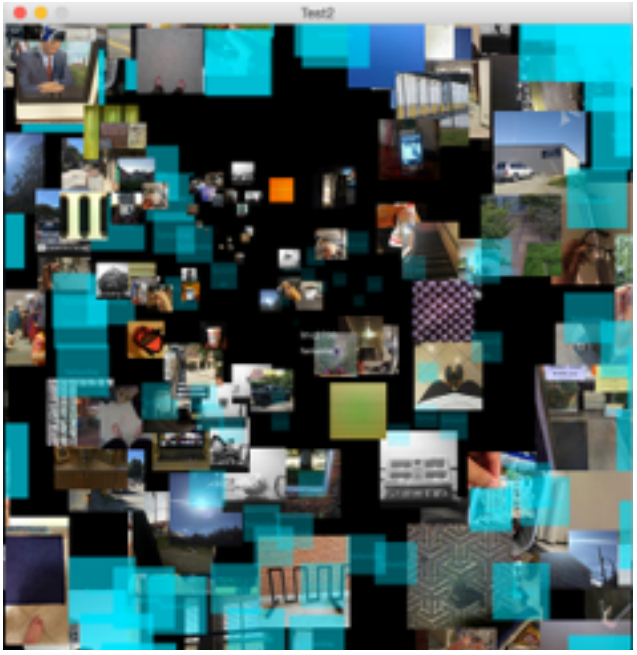
PROJECT 3

## FLICKR DATA PORTRAIT

Project 3 is a very interesting and challenging project because is my very first data visualization assignment. The data set in my program contains 3460 out of approximately 4200 photos that students were supposed to obtain from the Flickr API. However, due to the unresolved issue with the Flickr API, the provided resources that is included in the TA's tutorial was used for my portrait.

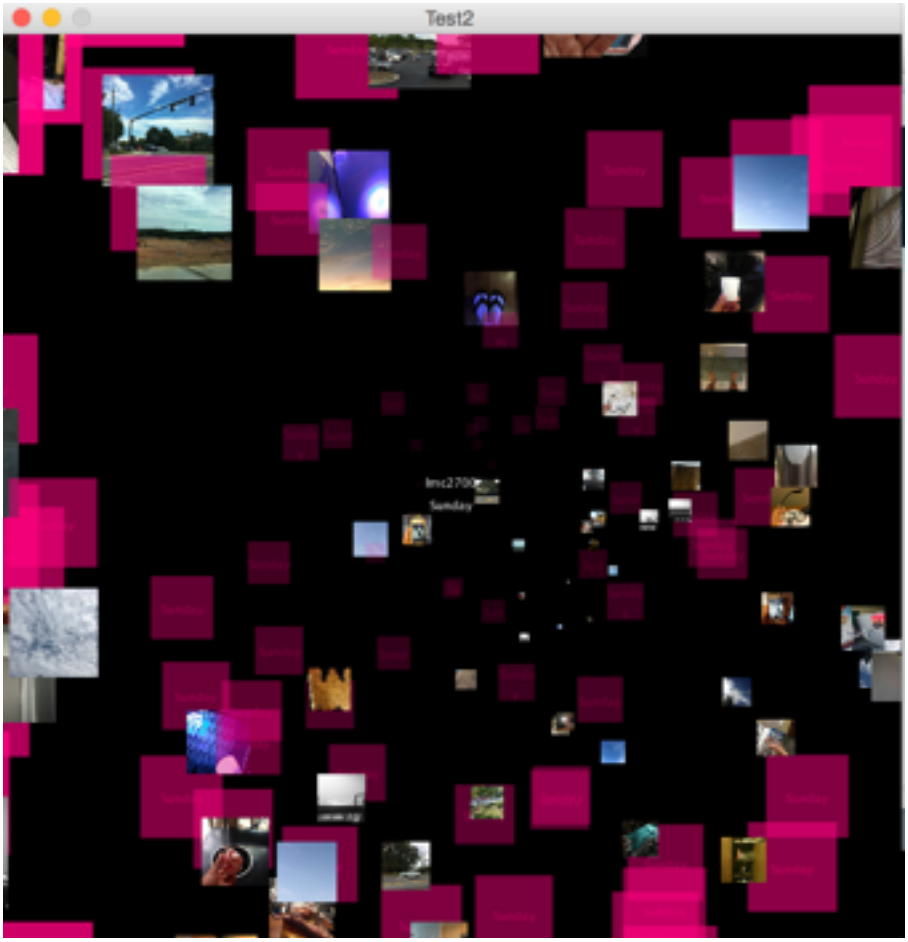
The program display an animated portrait that contains moving image windows and background windows with different colored theme to differ each different filters in the data. Each image window is an animated album that constantly display all the images file in an image array from the data set. Each photos is meant to be flashed in a split of a second, with the attempt to ask user to "look", recognize and rapidly digest the pattern of each set in a more comprehensive overlook.



Background windows display the date of the week in which the photos was taken. Each day of the week has a unique representational color, that changes background windows colors whenever the date filter is selected when user input into the keyboard. User can filter the set by pressing from 1 to 9 on their keyboard, which corresponds to Sunday to Monday accordingly. Tags of each photos are also is displayed in the center of the screen.

To create a more interactive variation in how the images are displayed as a portrait, I have also implemented a way for users to adjust the positional formation of each image windows. User may press Z or X to correspondingly congregate or scatter the windows group, which will provide different ways to view the entire portrait.




There is no privacy issues that has came to my attention. I have spoken to a few classmate and read most of the third blog posts and majority of posters does not mind to have their photos displayed in public, due to the fact that majority of the geographical location of the photos are very known and common places to the class population. More interestingly, I have learned form the provided data that most student

have been to the very similar places through out the week. They share the close to be the same niche and choose very similar angles in their photos.

The portrait I have created leans heavily to the artistic approach, according to its definition in Peter Hall's outline in visualization. It is focused mainly in the visual aesthetic and style (animation, windows formations, colors), to allow the statistics to convey a narrative and give the set of photos taken by students a common definition of personality. My main goal is to provide an intellectual and aesthetic satisfaction to viewers.

Overall, this is one of the most challenging project in LMC 2700 thus far. It is difficult to come up with a unique, non cliche way to displaying information in a concrete form to create an easier understanding. However, I am satisfied with the final product hopefully we can get more technical project like this is the other half of this semester.