Ashley Huhman

8/6/15

Descriptions for all Files and Folders

**Documents**

**matlab\_imaging**

**Panoramic**

This folder contains all the PNG and JPG images of the Danforth University Center. They are currently being used by the program *output.html* as a window popup when the user selects any icon from that page.

*Color.js*, *Drawutils.js*, *gl-matrix.js*, *Point.js*,and *webgl-utils.js*

These are all JavaScript files that are used in the file *rectangular\_shading.html*. These are the files necessary for the rectangular shading to work within the *rectangular\_shading.html* file. The original use for these files was for the *draw\_rectangles.html* file.

*matlab\_data\_1.c* and *matlab\_data\_2.c*

These two separate files contain the original first-floor and second-floor camera positioning data for the Danforth University Center. It is original because the HTML files that utilize this data have updated versions due to some of the scan positioning data for the first-floor being incorrect.

*final\_coordinates.html*

This HTML file is a local webpage that shows the Danforth University Center’s first-floor floorplan image as a background to all the camera positioning coordinates being plotted as icons. *final\_coordinates.html* does not work correctly when trying to load the proper panoramic image after one of the icons has been selected. When window loads after an icon has been clicked, *final\_coordinates.html* uses the method of “matlab\_imaging/test.html?msg=Panoramic/duc000.png” vs. “matlab\_imaging/Panoramic/duc000.png” like the file *output.html* does.

*output.html*

*output.html* is the same as the file *final\_coordinates.html*, except this file is the working version. It is considered the working version because when an icon is selected for viewing the panoramic image of that coordinate, the correct image is displayed in the popup window. As stated in the previous file description, the method of passing the image parameter is different. Both methods for *final\_coordinates.html* and *output.html* are kept because I am not sure right now which method should be used for the final use of saving the information when users select the regions of the images they want blurred out.

*matlab\_to\_html.c* and *2matlab\_to\_html.c*

Both C program files create an HTML file that displays the first-floor or second-floor camera coordinate positions of the Danforth University Center. The final product of *matlab\_to\_html.c* can be seen in the either the *output.html* file or the *final\_coordinates.html* file. *matlab\_to\_html.c* displays the first-floor information, while *2matlab\_to\_html.c* displays the second-floor information.

*test.html*

This file is used in the HTML file *final\_coordinates.html* for containing the function that passes the parameter for the panoramic image that should show when an icon is clicked for that local file’s webpage. This attribute is the defining difference between *ouput.html* and *final\_coordinates.html*.

*output\_doesn’t\_work\_original.html*

The file is the original version of *ouput.html* and is also similar to *final\_coordinates.html*. I kept the original because again I wasn’t sure which version of passing the panoramic images for the window popups was correct.

*rectangular\_shading.html*

This HTML file uses the rectangle drawing JavaScript programs to properly draw and erase rectangles on the first scan of the Danforth University Center.

**web**

This folder contains the icon images and the background first-floor and second-floor Danforth University images used in the files *output\_doesn’t\_work\_original.html*, *ouput.html*, and *final\_coordinates.html*.

**cse\_ptx**

This folder contains all the PTX data generated by SCENE software for the Computer Science and Engineering building.

If there are any further questions on the content of any files or folders, my email is abhuhman@gmail.com