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Project 2 Milestone

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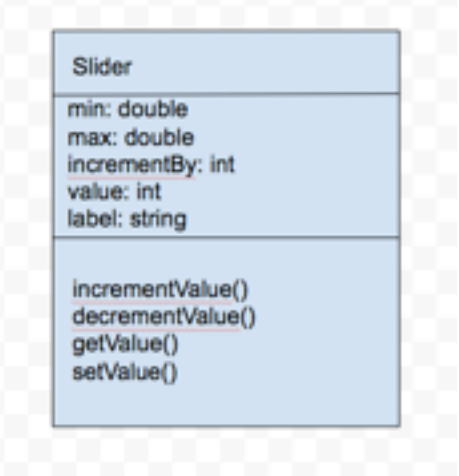
Abstract:

The following paper will address the final project of an image editor, “Editor Plus.” The program draws off Java and HTML syntax.

Introduction:

The motivation of my work was to create an image editor, specifically using java, as my project. The following paper will provide the details of what my system will do and how it does it. It will also address the physical requirements, similar systems, and error prevention.

Detailed System Description:



The system has side bar sliders with different values for photo editing, such as contrast, sepia, black and white, hue, etc. The user is able to use the sliders to adjust the effects of each value on a given picture. There will be a slider class that sets up the sliders and then variables will be set up for the features that will be connected to the class through the variable label.

Requirements: The physical requirement of the system resources is for the user/system interaction to be done immediately without “buffering,” to accept user input of an image, and to display user changes to image on the slide bar.

Literature survey: Similar systems out there that resemble what my project encompasses are apps such as Instagram, VSCO, and snapchat. These apps all have different features that allow for different features of photo editing. What makes mine different is that I am trying to take aspects from each app and put them all into mine. This is because each app has some of the same but also different ways to edit, so I am trying to put the most prominent ones from each app into one editing interface.

User Manual: The system is used through user interaction amongst different featured sliders. For proper use all the user has to do is drag along the sliders to a desired value.

Conclusion: Overall the photo editing app I’m working on requires a slider class and will function majorly around the sliders this class creates. With reference to this, variables that link back to it will allow each slider to alter a specific aspect of the photo. What I have done so far is create the sliders. What I still need to do is decide on the specific slider values, provide a default image for editing, and possibly add a crop photo function and the ability to upload an image of the user’s choice.