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Editor Plus

For my project I am going to make an application project. I am planning on creating an image filtering application called "Editor Plus". I chose this specific idea because most, if not all, of the social media apps I use everyday have an aspect of image filtering. From snapchat to Instagram they allow you to add different hues of color (ie: black and white, sepia) or adjust individual aspects of the photo (exposure, contrast). I plan to add different categories of filtering like: brightness, saturation, structure or sharpness, exposure, contrast, temperature, etc. I also might add color filters, ones that would exaggerate the photo. Then, the user can upload a picture and slide an adjustment bar until they get their photo with the desired effects. I will put a sidebar for the adjustment options. I could additionally add a crop photo option or other elements that go beyond the filtering ones and adjust the photo's bounds. The user can see the effects of each filter on their photo as they slide, from each extreme to the original middle one. I will use functions and if else statements, but I will figure out the specifics as I learn and read more of the Java textbook. For now, I just have the general concept and idea of what I want to do in my head and what I want it to look like. I think this would be a really functional application because of how photo editing has become so popular within apps and an essential part of them. I would additionally like to be able to add the features I look for, that one app might have and another does not, all to one location for editing. It would make it convenient and a new source of editing.