

Communist Photo Developers

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C9 Workspace: <https://ide.c9.io/jxtf/csp2-wei-j-python>



Before

Afters

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Brainstorming Ideas:

- Client 2 seems the most straight forward and enjoyable choice
- Theme: communism
- Client 3 seemed interesting, we could modify images of sports clothes and shoes
- Client 4 seems too difficult for our skill level
- Client 1 is doable, but not appealing to both of us

Sketches on Google Drawings:



Raw Images Used:



Border color changed on images:



Gallery Walk

Google Slides Presentation ----->	https://docs.google.com/presentation/d/1XGfbfS-E27czg2oqYnkGOtctRX3DLj8gC8v9EvsKoTQ/edit#slide=id.p
Run using this command ----->	<code>add_frame_logo()</code>
Pros	Cons
<ul style="list-style-type: none"> • I can see how this would be very useful for communist propaganda. • I like the unique colors and that you added multiple colored borders. • I like the double border function • I like how its very clean and solid and not pixelated- Nathaniel.I, Alex Baker • I like the two borders on the image • This is very cool because it incorporates multiple borders and an additional image icon • Very interesting choice of pictures • Extremely creative effects, would use this for my own family! • I like this one my fellow comrade • i like the double border concept 	<ul style="list-style-type: none"> • I don't see how families would want to become communist. • Could add more options than just using ImageOps to generate borders • Inside border is always yellow • Could have more variety • You should have added more variety • the colors suit the images well • I would like to see more things to do with the code, like more options for the the logo on the side and border • Instead of setting x to 0, you should just break out of the loop instead :)

Conclusion:

Jonathan: I thought we had a very good team dynamic and chemistry. We communicated easily and we both knew what had to be done however and whenever. I think an improvement is to brainstorm more ideas before we start a project, as we had more ideas pop up along the way when it was too late to change whatever we were doing. Next time, we should come up with a bigger list of brainstorming ideas so we have more ideas to choose from and it'd be easier to restart a project in case we ever needed to.

Hwapyeong: In my opinion, Jonathan and I worked very efficiently together. We were able to solve problems by discussing and asking the other person, and also we were always on the same page about what needed to be done at the time. A good improvement for next time would be to be able to brainstorm more ideas at the start of the project, because during this project, we had ideas that were good come up along the way that we could not implement because it was too late into the project to start on a new idea, so if there is a next time, I believe that we should brainstorm harder at the start of the project, so that we can make the best choice possible in terms of what we are going to create.

Daily Log

Jonathan:	Hwapyeong:
3/4- Today we had a long discussion about what client we should do our project on. We analyzed the pros and cons of each client and decided to chose the “Family” client. After that, we discussed different ideas for our images, such as a watermark or backgrounds.	3/4- Had a discussion on the topic of what client we should choose for the project with my partner. Ended up choosing Client #2: A family. After deciding on the Client, we did some light discussion about different ideas for our images about watermarks and frames.
3/5- Today we set up the documentation of our work and recorded our daily logs. We also downloaded the images we are going to use for this image.	3/5- Set up C9 file while my partner was setting up the documentation. Wrote daily logs for today and the one missed from yesterday.
3/6- Today we continued to brainstorm more ideas and download images as we go. We also started making the borders and masks of the images on Google Draw, so that way we have reference images for when we actually start coding.	<p>3/6- Started to brainstorm ideas and make the images on google drawing so that we can attempt to replicate it via python photo manipulation. Here are the images that were made in google drawing.</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;">      </div>
3/7- Today we started to work on our code. Our first step was to make all the images in the folder into a perfect square.	3/7- Worked on code in C9 to make all images in folder to be cropped into a square.
3/8- We ran into problems with the code when we started to crop our images, but we found a	3/8- Code to crop all images into a square works. A problem with the code it does not take into

solution where we made all the images larger than 400x400 in order to make the code work.

account for where the ideal area to be cropped is, for example, the sheep photo, and if the image is to be cropped, it must be larger than 400x400. Here are the cropped WIP images.



3/11- Today we did research and looked up different ways to add borders to our pictures. We also made sure we used the correct dimensions for every image in our code.

3/11- Started to work on code to add borders to our images. The currently way we are working towards is to make a solid color square of a size larger than the actual image, then pasting the actual image into the center of the solid color square.

3/13- We worked on a solution for our functions

3/13- Continued to attempt at completing the function for the border, did not finish because of errors in the code.

3/14- We decided to change the way we coded our images, instead of using functions.

3/14- Tried new way to add border to image, but kept getting 'NoneType' object has no attribute 'save' error.

3/20- We figured out how to fix the NoneType error and created the borders on our images successfully.

3/20- Used ImageOps to extend the borders of the image, instead of pasting image onto a square. That got rid of the none type error.



3/21- Today thought of ways how to put the symbol onto our images.	3/21- Worked on putting the symbol on to the image.
3/22- Today we started working on the function where we would have the client asking for which color border they would like on their photos.	3/22- Completed pasting the symbol on to image and started to work on a function that will let user choose color of the outer border.
3/23- Did almost all of the code for the images and created a “modify” folder to store the images manipulated in.	3/23- Completed most of code, made it so that the user can choose which image to modify and have the image save to “modified” folder. Here are some of the modified images.



Credits:



Communist logo:

https://commons.wikimedia.org/wiki/File:Hammer_sickle_clean.png



Photos Used: CSP 1.4.5 Images