

Question 2

Discuss the progress you have made on your project so far. (400 words)

Your answer should include:

- What design work and research you have done while developing your extensions. You can include diagrams here in support of your answer. This might include but not be limited to: brainstorming, interface designs, code diagrams, and notes on the ideas and code.

You don't have to include everything you have done up to this point but try and be selective and select the best examples of your process.

- How much of the code have you written so far. What do you intend to do next?

I made some research on Drawing apps like GIMP and Photoshop. I did some brainstorm of the popular tools they implement to the app. Made some comparison of the tools they use. With the idea being usability and ease of access. Generally, they all have similar tools for design artworks like text tool, layer tool, shape tool and many more(in the brainstorm. Majority of it are proprietary tools so researching on it were meet with a road block. The interface designs they all have similar look. Similarly, the all the apps I research have a tool focused design. To improve user design choices. My design focus for the app should be on the creative side of the drawing app and usability.

As of now I am confident that I have implemented one simple extension for the app. I classified these tools under design aspect. They are the Rectangle tool (rect) and Ellipse tool. They are essentially a shape tool using mouse inputs. Providing user either a filled or unfilled shape. In the pipeline there is also a stamp tool for this.

I plan on working out how to implement the copy and paste function correctly. As of now it only pastes one image on the canvas. Does not interact with the toolbar function for "clear". Looking into making it work out correctly. As it is an important function for the app.

Lastly the Google Autodraw API that is the most complex to code. I have yet to start any progress on it. Due to it being a complexity of the code for me. I have planned it to be done with the most amount of time for the project. Its progress will be made at the latter stages after interim project.