Introduction to Programming II Project Log

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| **Project title:** | DrawJS – Drawing App |
| **Topic:** | Topic 9 Testing for stability |
| **What progress have you made this topic?** | |
| For the Text Tool I implemented functionalities for:   * Icon and name to fit with the toolbox * Open up an input field when the user clicks * When the user clicks on the finish writing button, a new TextBox object to get created * Draw and erase methods inside the textbox * A method to the toolbox, to add objects in to an array in the toolbox called addObject * In sketch.js file, this array gets drawn if the object’s text value is not empty.   A workflow can be:    For Brush Opacity:   * I implemented a currentAlpha global variable to keep track of the variable between different tools * I added a brush opacity slider * I added the brush opacity html code to my helper functions. * I added the currentAlpha code to my mapColortoRGB function so that alpha values can be read to different colors. | |
| **What problems have you faced and were you able to solve them?** | |
| * I figured out that I needed to add my alpha colors too late which made me lose time. * I had a problem with the text tool adding new texts to each position on each new textbox creation. I found out that I was creating the variable for the input too early in the constructor. * I had a problem with each text getting super cloudy with strokes. I added a noStrokes() function to the end of my draw method in the textboxs. * All the colors were changed when one of the textboxes were created with a different color. I realized I was passing a variable to create a textbox, rather than a constant color RGB value. I fixed the issue by temporarily storing my value and then passing that to my text box object. * I had a problem with my input field getting buggy. I fixed it as to the best of my capability. | |
| **What are you planning to do over the next few weeks?** | |
| * I plan to solve as much bugs as possible before submitting. | |
| **Are you on target to successfully complete your project? If you aren’t on target, how will you address the issue?** | |
| * Yes, I changed my plans a bit but I have finished the project on time. All I can do now is polish for UX and UI. | |