**Assignment 4 Design Explanation**

Since I’ve chosen to make my website about me and my interests, I chose to use an analogous colour scheme around my favourite colour which is purple. I used a colour palette generator online to select shades of purple, blue, and green that go well with each other and I decided to use a dark blue for the text to create contrast on the lighter shades I picked for the background of my site. To create more contrast, I have a hover effect in the navigation panel to turn the text red. The background colour of the navigation panel is green, so red creates good contrast because it’s complementary to green. For repetition, the second C.R.A.P principle, I used the same structure for every page in the website. I wanted to have a navigation panel that is hidden unless the user clicks on a “Menu” button, so the structure is a slightly modified version of the two-column model we used in class. I also used a consistent font and font colour across all the pages to make the design cohesive. A more subtle addition is that I have the same thin, blue border around all the photos on the site including the home icon to make them all appear that they’re from the same set despite their different aspect ratios. I also have links to my social media in the bottom right of every page of the website. Basically, for this design I wanted the only part that changes between pages to be the main content body. For alignment, I just made sure everything is nicely aligned and straight, specifically making sure the navigation panel lines up with the rest of the content when it enters onto the page from the left. Then, for proximity, the final principle, I have all similar content grouped together. For example, on the “Art” page, there are three sections: introduction to the page, interactive question, and pictures with captions. This is also shown by the fact that each page has its own theme: introduction, art, and interactivity. There is a small interactive component on the art page, but it’s just to introduce the user to my art, not for their own fun or benefit. The last page – Fun – is purely fun bits of code I’ve found while researching the concepts from class that react to user input and I’ve had fun playing around with. The first page will have a three-photo slideshow the user can click through and a paragraph introducing the premise of the website. Then, the Art page will feature an introduction, an easy question for the user to guess which art piece is mine out of a few options, and then pictures of other art pieces I’ve made. Finally, for the Fun page, I plan on using an svg path to have a shape drawn and erased as the user scrolls up and down the page, a form that posts a user’s name and comment and a div that transitions to a new colour when the user hovers their mouse over it. I wanted to have the comments be posted to the site permanently but that would have involved cookies and other concepts way out of the scope of this course, so I decided to just have the comments disappear when the page is reloaded. For the gradient, I also chose a complementary shade of orange to contrast against the blue background of the main content body.

Home Page: [Wireframe.cc | The go-to wireframing tool.](https://wireframe.cc/hybxy3)

Art Page: [Wireframe.cc | The go-to wireframing tool.](https://wireframe.cc/eoF8iN)

Fun Page: [Wireframe.cc | The go-to wireframing tool.](https://wireframe.cc/0degry)

**References:**

Arobelidze, Alexander. “How To Embed Multiple Choice Quiz Questions into Your Article.” *FreeCodeCamp.org*, FreeCodeCamp.org, 6 Apr. 2020, www.freecodecamp.org/news/multiple-choice-quiz-template/.

“How TO - Scroll Drawing.” *How To Draw on Scroll*, www.w3schools.com/howto/howto\_js\_scrolldrawing.asp.

“How TO - Side Navigation.” *How To Create a Side Navigation Menu*, www.w3schools.com/howto/howto\_js\_sidenav.asp.

“How TO - Slideshow.” *How To Create a Slideshow*, www.w3schools.com/howto/howto\_js\_slideshow.asp.

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