The URL for the first page is: <https://goldenaarcher.com/jtc372/project/>.

The page I have designed is for a school affiliated club, therefore the color theme is restricted and standardized. The primary colors and logo I chose to use on the page are from our school’s official website: <https://brand.colostate.edu/color/>. The color variations I choose to use are picked from different school affiliated websites, such as <https://www.colostate.edu/>. The font used in the website is also the font that used in the school affiliated website to avoid any legal issue. The title for the website is CSU AR/VR Club, which is short for our school name, Argumented Reality and Virtual Reality. I have also added appropriate meta tag, including keywords and description for the club website.

The CSS is separated from HTML, and all the CSS are managed in the style.css file, as mentioned in the lecture “Cascading style sheets”. In naming the classes in HTML, I tried to follow BEM methodology. The names of files and folders follow the rules from “definition & file management” lecture, no white space is used in the filenames, and characters used are alphabetics, numbers, and “-”. The same content also appeared in the reading “HTML Naming Conventions and File Management”. The folder structure follows the guideline mentioned in the reading “Dealing with files”, the only difference is that I replaced “images” to “img”, and “styles” to “css”. Firstly, the substitutes are shorter. Secondly, since I only use CSS and no SCSS, SASS nor other post-CSS in the project, using “css” is more straightforward.

The page layout is separated into header, main, and a footer. The main includes a title for the club and navigation. It is taking up the entire width of the page, mainly because it has very long title and personal preference. The navigation color theme is inspired by JTC course class, but instead of using CSU gold as the background, it is used for highlighted page. The width for main and footer is 1280px, which is a standard size for most monitor. For the smaller monitors, the width for the content will be 80% of the page width, which is also common for most applications. The main section contains a club description section, a recent events section, and a resource section. I play around with club description section a little bit, because the original sentences were very long, and I want to follow the guideline talked in the “Usability” lecture, eventually I am able to limit 100 characters per line. Unfortunately, I am not able to restrict 100 characters per line with event and resource description, so I increased the line space so that everything does not jam together. I keep the same style for recent events and resources to increase repetition and reduce CSS size. The layout for individual event and resource including a date, title for the item, description for the item, and an image for the item.

I also use the heading tag cautiously, the title for the page uses h1 tag, recent events and resources uses h2 tag, the individual event and resource uses h3 tag for a clearer structure. I have also uses some hew HTML tags to increase semantics, including section and time. Moreover, all the images have alt text as Alt Text and Writing Great Alt Text articles mentioned. While keeping them short, the alt text represents the information of the image. For example, school logo’s alt text is csu ram logo, because I only used the ram logo. The alt text for the club is arvr icon. The alt texts for recent events are formatted as date plus event. The alt text for resource is related to the resource.

I keep the design simple so that convert the current layout to mobile version is also easier later. The layout for mobile version is to switch the current navigation bar to a hamburger, change the flex from row direction to column direction, and increase the width from 80% to 90%. 90% should be a safe number displaying most of the content while avoiding the problem some edgeless smartphones might have. Edgeless smartphones are the ones without border. Therefore if the content takes up to 100% of the width, those user might need to move phones around to see all the content.