**COSC 6310 Project 2: A Multimedia Web Presentation**

**Introduction:**

In this project, I learned how to use a movie maker PC application to create a multimedia video and how to make a website. My video revolves around me talking about a custom-built PC that I built because PC gaming is one of my favorite hobbies. For this project, I used a free PC application called MiniTool MovieMaker that I found online. I learned how to use the PC application to edit several video clips together into a coherent presentation of my topic and to add music as a background. The video is found on YouTube through this link, in case you have any issues with my local website: <https://youtu.be/0eNpyDy3JRk>.

I have also made a local website consisting of two web pages: one containing the embedded video and another summarizing the video with text and images. Both have a background image as well. I learned how to make the website using HTML and styling. To check out the website, please open the .html file attached to the Blackboard submission with your preferred browser. My background image and video are displayed via a URL to an image website and YouTube, respectively, so those files are not in the zipped folder. The zipped folder contains a folder with my original and enhanced images, the two .html web pages, the .mmm file for my video in case you wanted to view it, and this report just in case it doesn’t show up on Blackboard.

**Procedures:**

To add videos, I made sure that on the left, I was on the Videos tab and then clicked Import Media Files. Here, I clicked the video I wanted to import from my PC. To re-arrange the clips, I clicked on the segment of the clip on the bottom of the screen and dragged it to where I wanted it in relation to the other clips. To snip out parts, I paused the video and clicked the Scissor button on the blue line and then right-clicked the segment I wanted to remove and clicked Delete. To add background music, I made sure that on the left, I was on the Music tab and then clicked Import Media Files. Here, I clicked the .mp3 file I wanted to use as background music. In the end, I clicked the Export button on the top right to export the video as a .mp4 file. I uploaded this file to YouTube as an unlisted video.

To create the website, I started out with a simple HTML template I found online for my home page with the video. Any HTML file needs the doctype and the language set. I then made a body tag styled with the background image so that the image covers the whole body. After this, I made a center tag to hold all my text and the video so that everything is centered. I made a div tag inside the center tag styled to a white box with black borders that will encompass all my text. My text is kept in a p1 tag under the h1 tag for the big header and all of it is inside the div tag. I made an iframe tag outside of the div tag but still inside of the center tag that is styled to have a black border. This iframe tag contains all the code for the embedded YouTube video. I generated the code for this using <https://youtubeembedcode.com/en/>. Under this, I made an img tag for three images showcasing the PC and setup, each styled to have a black border and to be a certain size. At the bottom, I made a p tag styled to a white box with black borders, just like I did for the text on top, and added an a tag between the text referencing the other .html file. This is to offer navigation between the two pages. After this, I closed all my tags.

For my other web page, I followed the same procedure I did for the home page to add the background image, the images I want of the PC parts, and the text describing the part. I basically copy-pasted this format for all the parts I wanted to showcase so they can be shown individually.

I enhanced all my images to make them look nicer using techniques I learned in Project 1 to alter colors as well as messing with Exposure and Sharpness. Exposure is found in GIMP under Colors>Exposure and Sharpness is found in Filters>Enhance>Sharpen (Unsharp mask). Exposure added more brightness to the image while Sharpness enhanced the edges in the image. I used Sharpness to combat blurry pictures. I used cropping to home in on the specific part. I messed with the Color properties by adjusting contrast and brightness to enhance the image.

**Images:**

A picture containing fence, tiled, sitting, black

Description automatically generated

A picture containing indoor, computer, sitting, photo

Description automatically generated

A picture containing indoor, photo, different, sitting

Description automatically generated

A screen shot of a computer

Description automatically generated

A picture containing photo, computer, sitting, different

Description automatically generated