# Web and Mobile Technologies B9IS124

# Lecturer Ehtisham Yasin

# CA1 Develop a responsive web application, optimized for mobile, tablets and desktop devices

# Group (2 members)

Student Name and Number: Uche Chinedu Obialo 10594644

**Description**

For the sake of tracking our completed works and making updates to the site when needed, Sharon Farrel and I set up a GitHub repository. I had difficulty accessing the repository, so my changes were imported manually into the project. We used Visual Studio Code IDE for writing the source code. All files were arranged for easy accessibility.

**Layout**

**Fonts**

After considering several fonts that were suitable for sports and fitness website, we decided to go with Mukta font. Our font colors were black and blue on white background and white smoke, antique white, and gray on dark backgrounds

**Color scheme**

When we researched fitness websites and designed, we noticed a lot of fitness and sports website used static dark colors, we decided to use a gradient color scheme for the header and footer of the site and a mix of these colors throughout the body of the page. We used colorspace.com to generate the gradient. the mix of colors we used are purple, royal blue and tiffany blue. the gradient code is:

“Background-image: linear-gradient (to right top, #361b85, #311e88, #2b218a, #23238d, #1a268f, #10379c, #0547a8, #0056b3, #0074c4, #008ec6, #00a5bf, #0abab5);”

The hex base colors are #361B85, #042992, #0ABAB5. On review of the gradients, we found that CSS gradient generator gave a nicer effect and with less code. This tool generated the gradient we chose to use on the webpage navbar, header and footer. The generated code is:

"background:rgb(70,6,244);background: linear-gradient(90deg, rgba(70,6,244,1) 0%, rgba(111,2,241,1) 53%,rgba(124,34,195,1) 100%);"

The CSS gradient generator can be found on this website: ***https://cssgradient.io***

Physiological research has shown that the color blue represents trust and stability while purple can symbolize power, luxury and ambition. A combination of these two colors into a gradient, including the color neon, would give the users a feel of trust for the site. We decided on a plain white background for the main section of the pages to allow the products to be clearly shown and with a sleek approach.