

Web Design coursework

Design

I will be creating a website for a gym. This website's backbone will be coded with HTML, it's design will be done using Cascading Style Sheets, and JavaScript will be used for a few animation and rolling effects across the whole website. I will have to gather non-copyright images and a logo for this website. The website will have around 12 pages, including:

1. index page
2. about page
3. contact page
4. login page for existing customers
5. register page for new customers
6. membership pricing page
7. list of trainers and experts working at the gym
8. a blog for the gym to introduce new things
9. single blog post page
10. types of classes the gym is doing
11. single class page

The target audience for this website will be people who are looking to get fit and improve their body. This includes from young adults to elders who want to live a healthier lifestyle. The website's purpose is to showcase the full capacity of the gym. Additionally, it's purpose is to attract the customer with its looks and its variety of fitness equipments available at the gym.

The website will have a wide featured image with some inspiring text over it. When the user scrolls down, they will see a navigation bar (which will be common with all the pages so it is easy for the user) with the gym's phone number on the left and the navigation pages on the right-hand side. I will also add a small bar between the featured image and the navigation bar for the gym's social media links. Next to the navigation pages will be the gym's logo and the name within it. The navigation bar will be in a sky-blue colour and its text over it will be in white. Next up, there will be a picture of people doing some yoga or pilates; below it will be 3-5 “tiles” or chunks of small text in boxes with

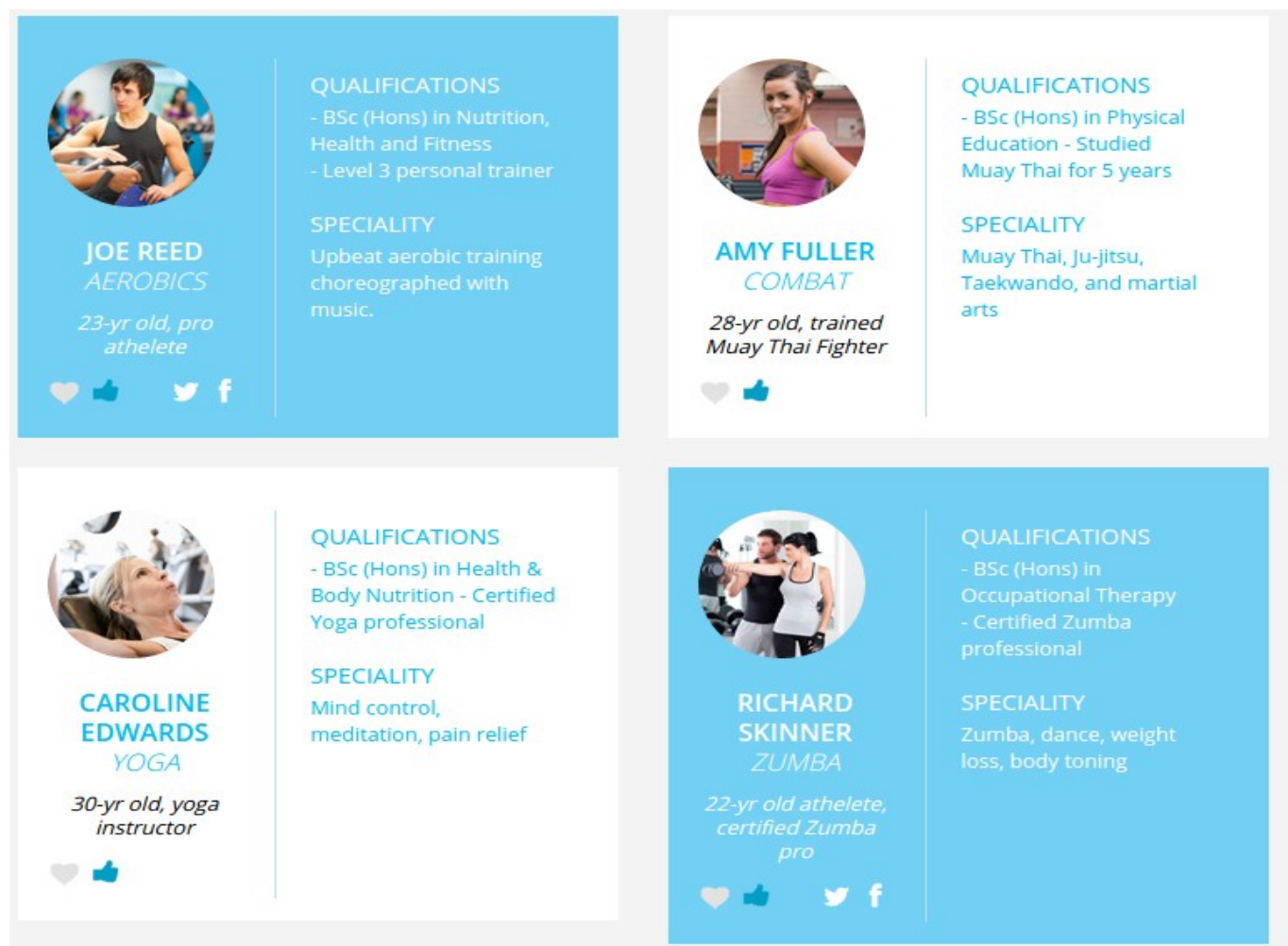
brief information of the types of classes the gym is doing. Clicking on this will open the “types of classes the gym is doing” page. Right next to the tiles of classes will be a brief schedule of the times of when the classes are taking place. The user should not have to go to the website, navigate their way over to the classes page every time they need to go to the gym. Next to the schedule tile will be the membership pricing tile (which will navigate to the “membership pricing” page). Above the footer, there will be a map which shows where the gym will be located; I will be using the Google Maps widget and enable it using JavaScript. In the footer there will be the contact number of the gym, opening times, newsletter signup option, and the sitemap.

The website's key aspects and design will be consistent throughout the website and all pages. I will be using Cascading Style Sheets. I will have a CSS page which will contain all the styles and designs across the page. This page will be linked to all the pages on the website. I will be using Bootstrap for its responsive features which adjust the website's size as the browser window's size changes.

Here is the website's structured diagram, a brief idea as to what the site will look like: (diagram in a separate page)

Evaluation

My webstie is very easy to use, comfortable and suitable for all age groups (from children to adults). Each page has a main navigation bar which is common to all pages – it helps the user navigate from one page to another without getting lost. Every key piece of information is short and concise so that the reader doesn't lose their concentration. Attractive offers, discounts and deals are highlighted to make it as visible as possible. Images and media files are all relevant to the topic (gym & fitness) and they are also motivating pictures so the user is tempted to buy a membership. Pages where there is a lot of information (such as trainers.html or classes_*.html) are separated into small boxes using <div> tags. This makes reading the information very easy.



Example of organised text from trainers.html (fig 2)

In addition, the website also offers big buttons for signing in and/or joining the gym. This makes it easier for elders to read the text and correctly navigate within the website.



An example of big, visible buttons (fig 3)

Moreover if the user wants to research more into a specific exercise they are interested in, they can navigate using the main navigation bar to the classes.html page. There are also 3 individual exercise pages (single_class_kickboxing, single_class_pilates, single_class_cardio) which entail additional concise information regarding the exercise. The information is laid out in a very organised and clean way where it also shows the advantages of the specified exercise.

The combination of intense cardio kickboxing and dance moves will leave you sweating, pumped, and ready to take on the world. Atul's Gym blends intense intervals, strength, and endurance training to give you that high-powered workout you can't get enough of.

Our kickboxing classes are the perfect fit for those looking for a physical challenge. While reaping the benefits of a high-intensity workout, you'll also be able to enjoy a burst of energy through fun and dance. Whether you're familiar with kickboxing or not, you'll get the most out of your workout with our high-powered cardio kickboxing classes.

INSTRUCTOR	ADVANTAGES	PRICING OF CLASS
 <p>JOHN LESSARD KICKBOXING Professional Kickboxer</p>	<ul style="list-style-type: none"> → Increase cardiovascular performance → strengthen muscles → Increase coordination → fat loss → Increased flexibility → stress relief 	<ul style="list-style-type: none"> > 3-day session £ 19.90 > 7-day session £ 15.90 > 15-day session £ 25.90 > 50-day session £ 40.90 > 30-day session £ 60.90

Example of organising complex information neatly (fig 4)

All of the examples mentioned above are evidence that the website is suitable for all ages and is very easy to use.

I found figuring out jQuery and Bootstrap the most difficult. For next time, I will research more into better high quality images, and make the website more colourful.

There are 3 major differences between the initial design and the evaluation:

1. The blog.html has been removed and so are its planned subsets, instead I decided to add 3 single classes within the classes.html page (kickboxing, pilates, cardio).
2. The single classes (subsets of classes.html) do not link to login.html or register.html.
3. register.html is not a subset of login.html, instead both are mentioned side-by-side in about.html.

Testing

I tested my website using methods mentioned in the following table:

Test No.	Testing what	Expected result	Actual result	Corrective action taken
1.	Internal links between pages	Links should navigate to their designated page	Result as expected	N/A
2.	JavaScript	Images should revolve and keep switching within the frame	Result as expected	N/A
3.	CSS	Background colours of “boxes” in trainers.html showing correct fonts and colours	Result as expected	N/A
4.	Browser compatibility	Website should be displayed as expected in other browsers (Chrome, Firefox, etc.)	Result as expected	N/A
5.	Google Maps widget	Google Maps widget opening correctly in about.html	Result as expected	N/A
6.	Spelling errors	No spelling errors in the website	Result as expected	N/A