

# 1. Wireframe model and justification of new features

## a) Main page

Changes and evaluation:

- Added a Login button to the navigation bar
- Changed the landing page from a video background to split screen, allowing the user to pick between learning more about the franchise, or for more eager users, to be brought straight to the sign up page. What motivated this decision was the feedback that a video in the back might make the content hard to read, as well as the idea of a more minimalistic and simple approach. The colour scheme of red on black and black on red results in a pleasant aesthetic and fits the minimalistic theme.
- A sign up page at the bottom, asking for the user's firstname, surname, email and password. The reason for giving users the ability to make an account is so they can track, change or freeze their memberships. I tried adding a practical contingency to the sign up section, ensuring that password and confirm password is the same or else an alert will pop up with javascript.
- Login page

Logo [Link 1](#) | [Link 2](#) | [Link 3](#) | [Link 4](#) | [Link 5](#) | [LOGIN](#)

## Welcome

Some text

Button

## Sign up

Some text

Button

## Sign up

Name

Surname

Email

Password

Confirm password

Button

Logo [Link 1](#) | [Link 2](#) | [Link 3](#) | [Link 4](#) | [Link 5](#) | [LOGIN](#)

## Log in

Email

Password

Button

## b) Help and Contact page

Changes and evaluation:

- Frequently Asked Questions section, with a drop down list. This allows the user to address common concerns before reaching out via the contact form, reducing mail traffic if the website were live.

The mockup shows a website header with a "Logo" on the left and a navigation menu on the right containing links: [Link 1](#), [Link 2](#), [Link 3](#), [Link 4](#), [Link 5](#), and [LOGIN](#). The main content area is titled "FAQs" in a large, bold font. Below the title is a vertical stack of four input fields, each labeled "question" in a small font, representing a dropdown menu for frequently asked questions.

## c) Our Gyms

Changes and evaluation:

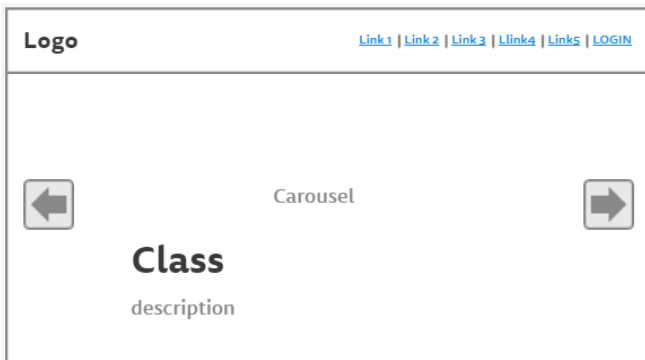
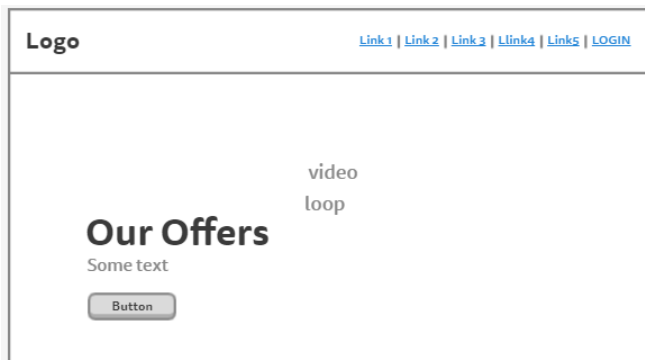
- A button to find the users current location. This will work in sync with javascript and will require permission for the user's location. I decided to add this to display a more accurate map on the website and to help the user find the closest branch.

The mockup displays a website header identical to the previous one, with a "Logo" and navigation links: [Link 1](#), [Link 2](#), [Link 3](#), [Link 4](#), [Link 5](#), and [LOGIN](#). The main content area is titled "Find gym" in a large, bold font. Below the title is a rectangular placeholder for a map, showing a stylized street layout with a yellow highlighted path. At the bottom center of the page is a rounded rectangular button labeled "Button".

#### d) Our Offers

Changes and evaluation

- Originally named Our memberships, I decided to add the concept of gym classes, thus Offers being a more suitable name.
- I added the video background to this page instead, but moved the content to the left, so that it would be easier to read. I wanted to make the offers page more flashy and kinetic, to better fit the theme of physical movement.
- A carousel of the range of classes provided, as well as a brief description of the class. The user should be able to click anywhere on the carousel section to be brought to a website with more in depth details about the class that was clicked, however I will not be designing a page for each class.



#### e) AppCache

I made an appcache file to store all the images in the Our Equipment page so that it loads faster, as well as style.css and a few html pages. I also added ourgyms.html to the NETWORK section so that it can load without WiFi.

## **2. Testing the website**

### **Strategy**

I started with a visual regression testing approach, checking to ensure the small changes I made did not disrupt my previous design by eyeballing. Once the page visually fit what I wanted, I performed integration testing, making sure that the jQuery worked with the html and css. This was especially important on the main page (where I used bootstrap and smooth scrolling), the Our Gyms page (where I tried using javascript and an embedded google link to display the user's current location on the map), and the Offers page (for the carousel). When dealing with javascript, I ran test functions and monitored the success of my code via the console log. Finally, I proceeded with end-to-end testing by going through the entire website and clicking on all the buttons, ensuring fluidity whilst traversing from page to page. I also turned my WiFi off to check if everything worked fine, and noticed the google maps on the Our Gyms page did not work.

### **Responsiveness**

I checked the responsiveness of the website by minimizing the browser and toggling the device toolbar on chrome. Through the use of media queries in style.css, I have made the website user friendly for smaller screens. Something new I learnt was to have the navbar change to a hamburger dropdown menu when on mobile format.

### **Cross Browser Testing**

To check whether the website was comprehensive on other browsers, I also opened the website on Firefox and Microsoft Edge.

### **Accessibility**

To test whether the website was accesible, I removed the images from the folder and ran the website. This allowed me to see that most of the images are alted. I also downloaded NVDA, a free screen reader, to make sure that the website was accessible to the visually impaired. This reminded me to label my forms in the contact page and the sign up page.

## 4. Features to add

- By using a Google API key, I can calculate the distance between the user's current location and the closest gym in km. This will give a more accurate representation of the branch choices the user has.
- A carousel with reviews from past customers will give the website a more professional and authentic look, as increase marketability of the website.
- Linking social media platforms in the footer, this gives the users more platform options to reach out.

## 5. References

All the images on the website are taken from **pexels.com**, which is royalty free.

All the vector icons on the website are taken from **flaticon.com**

Fonts taken from **fonts.google.com**

Arimo - <https://fonts.google.com/specimen/Arimo>

Bebas Neue - <https://fonts.google.com/specimen/Bebas+Neue>