FlexFit Final Product

1) Project Overview

The purpose of FlexFit website is to provide an opportunity to its users to live a healthy, happy and energetic life. Through FlexFit`s range of gym accessories, such as gym equipment and supplements that help achieve the intended lifestyle of the user. The main goal of our website is to allow its users to upgrade their lifestyle through our multiple available memberships and products as well as help beginners and users join a community of fitness enthusiasts with the same goals and aspire each other to live the best version of their life.

The audience of our website are people aged between 16 to 30 who are interested in making a fitness change to their lives. The target market for FlexFit can be broken into two categories. The first is people looking for physical development, and second are people fixated with social media. The characteristics for people looking for physical development include age 16 and above, able to learn and adapt to weight training as well as resistance training. The characteristics of people fixated with social media are individuals with competent skills in using technology and accessing the internet, as well as outgoing people with social skills. Overall this target market is perfect as FlexFit adheres to people who are in need of a physical development through its available memberships and products and adheres to people fixated with social media by providing an interactive discussion forum for users to communicate and learn fitness online.

The FlexFit website will include memberships for users to purchase which come with discounts on certain products depending on the bronze, silver or gold membership purchased. The website also offers a BMI calculator to provide the overall health of an individual as well as an interactive map that displays walk-in gym locations for users. FlexFit also provides a discussion forum for users to ask questions and learn fitness. Finally the website has available gym products for purchase ranging from gym equipment to supplements to boost performance. The website will not include any special fitness plans for each individual user as well as any dietary plans. It will also not have any online coaching with trainers or visual videos guiding users to their ideal physiques.

2) Professional and Consistent Design

FlexFit’s design and layout mainly consists of a blue-aqua, white and dark gray theme to make it easier on the user's eyes. Where the dark gray mainly served as the background of the website to allow for contrasting colors using the blue and white. Where the blue often indicated users of their interactive features/actions such as hovering over a link or button. This is consistently shown through the whole website as

The layout of FlexFit was designed appropriately to showcase all of FlexFits features and current offers as an e-commerce market within the fitness industry. With a consistent change in fonts according to hierarchy e.g. Titles and subheadings are larger than normal text paragraphs. Additionally the website

utilizes white-space to make the website less cluttered and to fully highlight the essence of elements such as the images, products and text within the internal pages.

Elements that show consistency

- **Buttons** - Majority of button elements are rounded and highlight in blue when interacted with
- **Typography -** Throughout the website the font is kept consistent and text sizes are evidently shown through hierarchy and sizes based on whether the text is a title, sub-title or normal paragraph text
- **Forms -** Forms are designed the same way, have similar background colors and have error and user handling
- **Images -** Images are aligned and kept at the same size depending on their purpose
- **User Interaction -** When users interact with most elements on the website, hover will indicate a blue highlight making the interaction evident

Commonly accepted design principles including Nielsens and C.R.A.P were included throughout the construction of FlexFit's website to ensure user familiarity and easier overall view of the website.
Some Nielsen's design principles that were implemented include:

- **Match Between System and Real World**

The UI/UX designs follow the second heuristic as each design has a clear layout which users are comfortable and relatively familiar with. Additionally, each page uses easily understood terminology such as product names, our brand name, who we are and more enabling users to easily interact with the page and follow a pages layout and purpose

- **Consistency and Standards**

FlexFits UI design incorporates Consistency and standards through the whole website as it provides users with a consistent and clear navigation and user flow. Porviding.consistent **contrasts** between elements to show hierarchy and the differences between elements e.g. white space between image and text. Additionally all interactive elements are **repeatedly** used which mainly includes hovering highlights elements in blue. Ensuring that the user becomes comfortable with utilizing the website to complete given tasks such as buying a product. Further throughout the website each element within the internal pages **align** providing a consistent web design for example on the shop page all products and add to cart buttons align with each other.

- **Aesthetic and minimalist design**

The website provides a clean design with only relevant information and visuals present on each page which showcases appropriate **proximity** so users can understand the relationship between elements.. Promoting readability and usability of the interactive elements on the FlexFit website for users such as reading the products and adding to cart.

- **User control and Freedom**

Nielsen Heuristic 3 is adhered as users are capable of easily navigating around the website being offered a select number of different topics and many ways to navigate. Including a sticky top navigation, the footer links, interactive buttons on the hero and other buttons within internal pages.

3) Accessibility Features

Accessibility of our website is the number one concern as all users must be able to access the website regardless of any disabilities or issues. Therefore we have implemented a number of accessibility features ranging from contrasting colors, consistent navigation, use of appropriate fonts, inclusive forms, as well as descriptive links. Starting from contrasting colors we have used the color schemes of blue-aqua, dark gray and white. These colors allow for a perfect contrasting combination as the aqua for fonts stands out on the dark gray background making it very easy for people with vision impairments to read the titles for each page for either very up close or very far away. White is mostly used to outline or used for text on paragraphs to allow for natural white space and ease of reading so colors are not hurting the eyes. The feature of consistent navigation is implemented through the use of a simple navigation bar at the top middle of every website page. This simple yet effective design allows users to select any webpage they would like to visit from the very top which allows for ease of access from the click of a button for everyone due to users not having to search or find different ways to navigate through the website. The navigation bar is dynamic so it moves with the user when scrolling down or up the page so they always have access to navigation improving user experience especially for people using assistive technologies to navigate the website. Next, fonts throughout the website are appropriately implemented in way that headings are bold and large enough to read from a afar and for paragraphs the font is big enough so they words aren't cluttered and have adequate white space so people with vision impairments are able to read what the website is offering clearly. For the overall font of the website poppins was implemented which is a sans serif font allowing for a clean and geometric style so the overall readability is improved and the website comes out looking professional. We also have a lot of forms within our website. One for contacting us, one for registration, one for signing in and one for checking out any products and so if these forms are not inclusive then there would be no point in having them. So for forms we have implemented a strong validation system that outlines to each user what they are required to input for that specific field. It contains error messages in large red fonts that clearly display to the user that they may have inputted something wrong and they need to fix it up before they proceed forward. This feature really helps everyone especially someone with a disability through its error handling, allowing everyone to access these forms and overall enjoy what the website has to offer equally without anyone being disadvantaged. Ending at descriptive links, the website offers other links for users to click in order to either navigate to another page, or to make purchases, or access their account. These links are written descriptive allowing the user to certainly know where they will be taken once the link is clicked. For example ‘proceed to checkout button’ is a link to the checkout page, as described with the button. This allows for an overall better user experience and allows for ease of access for all types of users.

4) User Testing Analysis

User 1 *- Register, Login, Change Password (Account Regulation)*

This usability test had the user attempt to create an account on the website, where they'd go through different processes to reach the page. Specifically, roaming the website, and then creating their account for future use. Users were given predefined registration details to aid them in these tasks, as of that moment, only 1 account at a time would work with the account page. Users would work through a range of tasks, specifically scouting the memberships page. On this page, the user would click on a membership level, 'gold', and be brought to a sign up page, where they'd input the given details beforehand. After successfully creating an account, the user was brought to the login page, where they'd input the details before, and be redirected to the main account page which previewed user information. Upon entering the account page, the user was notified of their password being 'weak'. Hence, they were then directed by an observer to create a new password, located at the bottom of the account page. They entered a new, stronger password of choice, in which they received an alert, notifying the user of a successful password reset

User 2*- Contact Us*

The contact us usability test required user 2 to play the role of a beginner within the fitness industry. The user is tasked to enter the flexfit website and explore it to find products they may seem interested in but also may have queries for. They would click a product and read its description, from this the user stated that the shop page was not fully aligned and that the product window was not properly laid out. After viewing the products the user was required to go to the contact page. The initial statement was that the contact page provided the user everything they required to contact administration from email, phone number, a map and active times. However when utilizing the contact form, the user stated that the form was incomplete and needed proper feedback and validation.

User 3 *- Checkout Task*

For this task the user was asked to enter the website and navigate to the shop page in order to check out some products. When the user first navigated towards the shop page I identified that they were not appealed by the design and layout of items within the page due to their facial expressions. As they navigated to the products they were asked to add to cart, the add to cart button would not function when a user was not logged in but would be successful when signed in. Then the user was asked to navigate to the checkout button using tab key which had functioned as suspected but they user was confused as to why the were not able to just access the checkout cart page through the shop page using add to cart button, but this was due to the website bringing up an error page when accessing the checkout page through the shop. Further the user opened the payment form on the checkout page and pointed out they were displeased with the minimum design and layout of forms, as it was colorless, with form inputs being too big and taking up most of the whitespace on the page. Overall the user was able to checkout the items but we identified through survey feedback as well as by analyzing that the website had problems with the functionality of buttons as well as the payment forms not displaying error messages properly. The main thing that every user noticed was the minimalist design and layout of products as well as the checkout page.

User 4 & 5 *- Administrative Module (Add Products)*

This usability testing we had our user testing the admin module. Specifically they were tasked with removing a old product from the store. They were provided with an administrative login that allowed them to gain access to this module. The user stated that the entire admin module was looking unappealing/unfinished but the layout was intuitive to use. They worked their way from the home page after logging in to the menu dropdown on the navbar to find the admin config which they were able to then select from the admin module “modify products”. Once they willed out the product details that were provided they went to the store front to inspect to see if the product was added unsuccessfully.

5) Improvements

Improvements from User 1 feedback

The email validation on the registration page was not working, hence unsuccessful login, and the help of an admin to skip this process and be directed to the login page. To improve this, the javascript behind this was fixed upon inspection, no changes to the php validation was made as there were no errors, however, now the registration form doesn't submit. The account management landing page showed undefined values in input fields which should have displayed user information properly. To improve this, the php code behind this was fixed, via properly grabbing the information from the database to display with the sessions in the functions.php document.

Improvements from User 2 feedback

In terms of the feedback from user 2 the product window and contact page required improvements. From the product window needing proper CSS styling and form validation and user feedback was required. Where the user would be indicated of any wrong fill in into the form and would receive a message back for a successful email sent. From this analysis improvements were made by properly providing the product window with an aesthetic layout showing the product and clear description and adding to cart side by side. Whereas the javascript validation on the contact form was re-coded and fixed to provide users with a clear notification on any errors when filling out the form and a clear update on whether or not the email was sent successfully. Additionally any contact Information inputted into the contact us form was then pushed to be stored into the MySQL database rather than any data being hardcoded.

Improvements from User 3

In terms of design and layout improvements for the checkout task, the products within the shop page as well as the payment form within the checkout page needed to be updated. First looking at the products page, the items listed for purchase had uneven outlines where some items were bigger than the other creating an unbalanced design. This was improved through the use of css and implementing flexbox display where items were made even as well as adding a glow effect for items using shadow box function. This allowed items to stand out contrasting with the background making products more viewable for the user. Next in terms of layout of the payment form in the checkout page, the input boxes were too big taking up most of the white space on the page as well as containing minimum color. This was improved through reducing the size of input boxes on the form and adding a bluish-aqua color to the background of forms making it stand out to the user. The add to cart buttons were also changed to

implemented outside the product box allowing for more visual space. As for the submit button on payment forms we implemented a hover over feature where the button would turn a different color when the user hovers over the button letting them know the forms are working and the page is waiting for their action. For the functionality issues of this test we pivoted from using SESSION data to COOKIE data as this was allowing non authenticated users (guests) to still add their items to the cart in addition to being able to then log in and still have their cart data

Improvements from User 4 & 5 feedback

The core issue around our testing here was that the user couldn't make a product inactive from the store. To fix this we added a new column called active that the admin team chould change to in the admin config. This then set the product to un active

6) User Management Module

Most conditions will have their own error prevention using the PDOException catch method, along with other prevention and messages which will be displayed or alerted. All forms take the POST method, and have their own actions to their appropriate php field to do their different tasks.Queries are executed using PDO method, binding variables with values to placeholders for each query used.

Log in/Log out: When **logging in**, the form takes user credentials (email, password) and checks for authentication. Located within functions.php, the code selects the account which matches the user input from the database table 'users'. If valid, the user is logged in through a session ($_SESSION['authenticated'] and $_SESSION['authenticated_user']), redirecting the user to the appropriate pages based on their roles, 1 for admin page, 0 for the normal and default user account management page. When **logging out**, it first checks to see if the user is authenticated (logged in), in which it goes to unset session variables which are relevant to the current logged in user (unset $_SESSION ['authenticated']). The user will also be informed of logging out, redirected to the home.php page.

Profile Archive: Once users are logged in, have the option to press the "Archive" button, which will set the 'active' role in the users column to 0 (inactive), from 1 (active). The user is initially prompted with a message which asks if the user would want to archive the account, if yes, will be logged out of the account, returned to the homepage, and the account will be inactive. When logging in, there will be a condition which prevents accounts with active = 0 form logging in as the accounts are archived, and disabled.

Allow users to edit/view their own profile

Update user detail: When a logged in user views their account, they are provided with the following details; first name, last name, email, membership level, password (with options to change), and profile image.

1) **Include an Image:** The code checks for a form which handles uploading images to a folder called Account/. The logic checks for numerous things like the size of the file, type of file, if a file was uploaded, and moves it to the Account/ directory located within php, along with updating the database with the image filename for the logged in user, using their current user 'id'. To be able to upload the filename to the database, goes through an if condition which checks if the image exists and has no errors with the upload. Then it prepares a query which will update the database as stated above, and echo an alert message to notify the user of the successful upload, and update of their desired profile picture.

2) Edit/View Primary Account Details: The code checks for a form which handles updating the primary information of a user. The inputs are sent to a file called 'account_update.php' like above, and retrieves the current session id to identify the current user and the information they want to change. The code will get the inputs from the form and process them to update the values in the database table 'users'.

3) Edit Password: The code checks a form which handles updating password. Similar to above in getting the current session id, proceeds with the users updated passwords, comparing their current input password to the database to ensure that the user is the actual owner of the account, otherwise will prevent the submission of the new password.

Choice of Themes: In terms of themes, FlexFit offers a light and dark mode. For this implementation, cookies are used instead of sessions to store the user's preference.

<u>Secure authentication system</u>

Password protection: As stated below, the passwords will go through a hashing process to ensure the passwords cannot be bypassed, using the BCRYPT hashing algorithm to ensure security. When a user creates an account via the registration page, or decides to reset their unknown password in restPass.php, will hash the user's current passwords, and compare this password with user input passwords on the login page for a match. The hashing is done before the query execution, to ensure the hash password is included in the query using a placeholder, which is bindParam into it (:hash_pass, $pass).

Password reset: The code (form) is submitted to the account_update.php, and is used for users who forgot their account logins. This form takes the users current email, and 2 inputs for the new password. To ensure the password reset works, users are given the email input to confirm their identity. Once user details are authenticated and matched, call a function 'resetPassword', which will hash the new passwords for security into the new database via an UPDATE query. This function also has error handling, which will display any errors occurring during this process, most being the passwords not matching.

3 failed consecutive login attempts: Due to sessions only being enabled after the user is logged in, they have decided to use an IP restriction. To get the users IP, have a function called getIPAdd(), which gets the user IP from the HTTP header. The code goes through 3 checks for IP, each assigning variable $ipAddr with the IP once found. Then, the form on the login.php page (users use to log in), will set a timer of 1 hour (set to 30 seconds for testing), and then store the IP address into a variable via calling the IP function. Majority of the code goes through many if statements, which prepare SQL query statements and redirect the user to the correct page when logged in. For each failed attempt to login, the form displays an error message for the user, signifying the amount of attempts they have remaining. Once this attempt reaches 0, the code will compare this with the a condition, where if 0, will restrict the user from logging in. Additionally, in the IP function, uses this following code '$checkValidationIP = filter_var($ipAddr, FILTER_VALIDATE_IP);' Since this checks for the current IP of the user, can be a security risk, so, PHP is used to validate the legitimacy of the address before it is returned and used. Eacha attempt is stored in the database table called 'LoginLogs', where an admin can check.

7) Threaded Discussion Forum

We have developed a thorough forum service for our users to ask any question whether it is from a recommendation of a product, which gym is the best value to if there are any upcoming sales. It was important when developing this that it is as intuitive as possible for ease of use and to not overwhelm the people using the service but not lacking any functionality that they need to express their opinions and questions. Our forum system allows users to do the following:

- **Browsing threads:** Anyone accessing our site can browse through the threads and see all discussions when not logging in. This was essential as there will most definitely be users who will want to buy products but not want to create an account with us. Having these users be able to go and view recommendations or get feedback from existing users is a great touch to get all users involved.

- **Creating Threads:** Once a user has logged in and authenticated, they can begin posting on our forum asking any question they desire. They will be prompted with a title for the thread and a topic along with the post content itself. Once the user clicks a post it will be stored in the database. Inside the database, it will also automatically store the postID, Timestamp, users name and user ID from the session data, and set the post to active to allow the post to be taken down at any time.
- **Replying to threads:** A user can then click on any thread to open it to a new window which is generated by the postID. Here it allows the user to view the entire message of the thread in conjunction with all the replies given. Each reply shows the users who responded, the time they posted and of course their response. Underneath the original thread post is a textarea that automatically resizes with the content typed. If a user responds in this text box and clicks submit it will then post to a new table for the replies that has a shared foreign column with the original forum table which will contain the original postID to view the comments only for the post replied to. Along with this primary table, it will also send the comment, commentID, userID and Users name and Timestamp.
- **Deletion of threads and comments (From the user's perspective):** Both deletions of entire threads and comments are entirely possible. While we don't completely delete posts for administrative auditing purposes, we do restrict posts from showing in the forum if a user chooses to delete their post. This is done by checking the user's sessionID through a function to make sure it matches before running through another function to then set either the thread with the matching UserID or the comment with the matching forumID and UserID and then setting the active to 0 which will then be hidden from the user's forum page.
- **Filtering**: On the forum page anyone can choose to sort from the oldest or most new posts by clicking the header of the table to change the direction.

8) Admin Module

For this site, we have incorporated a simple and intuitive panel for the administrative team to access to change all the aspects of the site that a normal administrator would need. To ensure this was secure, only users with the role set to 1 will have access to the panel and their adjacent pages. Our administrative features include:

- **Forum control:** The admin team will be able to scroll through all threads and posts even if a user has deleted the threads/posts as it will just be set as inactive and hidden from the user.
- **User control:** This allows for a table to be presented of all users present in the database and have full control over their account (excluding password changes).

Anyone in the admin team will be able to lock and unlock any user but modifying the active column.

- **Adding and Modifying Products:** This page allows the admins to create new products for the store including adding new categories while they are at it along with modifying all data points of existing products for ease of access rather than adding/modifying products directly through the SQL interface.

9) APIs

We use a range of APIs to give our users the best experience we can possibly achieve. Our APIs include the following:

- **BMI Calculator**: With this API it allows the user to enter in their height and weight to output their Body Mass Index reading which is a general measurement for if you are underweight, average weight, overweight or obese. The user can enter in their details through the inputs provided which then runs through the API to get back the reading and present it to the user.
- **Map-Geolocation:** This API allows our website to grab a users location based on their IP address, respecting the privacy of users via first asking for their permission, which appears in the top left of their screen once the page loads. The implementation involved the use of Leaflet map API, which was defined in a javascript file, first creating an instance of 'L.map' and use 'navigator.geolocation.getCurrentPosition' to display the user's current location on the map, along with marked location of FlexFit stores around melbourne, specifically including short descriptions of each store for users to read. Along with that, it will also handle errors , in the case a user doesn't share their location, to customize user experience when interacting with the map, will redirect them to the main FlexFit store.

10) Sitemap

The code created for the FlexFit sitemap automatically generates a sitemap index file (sitemap.xml), which serves as the entry point to the website's sitemap. This sitemap includes a list of key URLs which are relevant to the FlexFit website like homepage, account page, and the shops page. The sitemap is in XML format, which ensures the SEO (search engine optimization) can parse and understand the content of the sitemap.

Implementation:

- 'Sitemap_generator.php': creates XML sitemap for sections of the website, looping through an array of URLS which are defined in index.php and fetched to be displayed.

- ‘Main_sitemap_generator.php’: creates XML sitemap, which also loops and appends the last modification date of the website. This is then saved to a document called “generated_sitemaps” where each XML file, like above can be viewed.

- ‘Index.php’: Defines URLs for KEY webpages of FlexFit in an array. Calling both sitemap generators above to create the XML files after passing the name, and urls of FlexFit.

11) Credits, Attribution and References

Kenny - Use of Icons
To provide users with a sense of familiarity for their shopping experiences the cart and account icons were implemented into the navbar referenced from fontawesome. Fontawesome is a website that provides users with free pngs and svg’s to use for any designs including UI designs.
Retrieved November 4, 2023 from https://fontawesome.com/

Use of images for we offer
The image for the we offer on the about and home page is sourced from manypixels and showcases what FlexFit provides its users and members through aesthetic and simple images from fast delivery, online purchases and more.
Retrieved November 4, 2023 from https://www.manypixels.co/

Afroze - *Use of Images and Fonts*
In order to make the website stand out to the user images were sourced from a website named ‘Unsplash’. Unsplash is a website that provides copyright free stock photography from which images were downloaded and implemented within FlexFit. Gym filters were used to find images related to fitness, gyms and workouts. These images were used as banners for most of the webpages as well placed next to text, for aesthetic purposes. **Link to ‘Unsplash’:** Unsplash. (n.d.). *100+ Gym Wallpapers [HQ] | Download Free Images On Unsplash*. Unsplash.com. Retrieved November 4, 2023, from https://unsplash.com/s/photos/gym

The website FlexFit also uses Poppins which is a google font. Google fonts are fonts owned by google that can be used by anyone for free commercial use. The font Poppins has been imported from the google font website into the websites universal css using, where the family font has been set to ‘Poppins, sans-serif’. **Link to Poppins Google font:** *Google Fonts*. (n.d.). Google Fonts. Retrieved November 4, 2023, from https://fonts.google.com/specimen/Poppins

Damian, Andrew
BMI API - https://rapidapi.com/principalapis/api/body-mass-index-bmi-calculator
Product Images -

- https://www.rebelsport.com.au/p/harbinger-4-inch-leather-weight-lifting-belt-M49585001.html?cgid=REB071807#start=7

- https://au.myprotein.com/sports-nutrition/impact-whey-protein/12313105.html
- https://www.optimumnutrition.com/en-au/Products/Muscle-Building/MICRONIZED-CREATINE-POWDER/p/creatine-micronized
- https://musashi.com/product/creatine-350g/
- https://www.optimumnutrition.com/en-au/Products/Protein-Powders/GOLD-STANDARD-100%25-WHEY/p/gold-standard-100-whey-protein
- https://powerbands.com.au/products/fabric-micro-band-complete-pack
- https://au.gymshark.com/products/gymshark-silicone-grip-lifting-straps-black
- https://redcon1.com/products/redcon1-total-war-pre-workout
- https://ehplabs.com/products/oxyshred-thermogenic-fat-burner

SQL, PHP, JS, CSStroubleshooting

- https://www.w3schools.com/
- Teaching staff and assistants
- Canvas
- https://phppot.com/php/simple-php-shopping-cart/
- https://www.php.net/

12) Reflection(Afroze)

Reflecting back on the project there were many challenges faced by all members of the group as well as lessons learned. The first and the most important challenge was making sure the gym website provided a flawless user experience through its functionality of features as well as finding the balance between its user interface, such as the visual design and layout of FlexFit. We tackled this through dividing and intertwining tasks so everyone was able to overlook and provide feedback on what was needed to improve or change. Another challenge was coming up with the type of content we wanted to include and the design for that type of content. This was challenging because everyone has their own preferences on the color schemes as well as layouts or even what things they would like a certain page to have or not. As a group we solved this challenge through the creation of multiple wireframe designs where everyone made wireframes for each page and then as a group we dissected and voted on things we would like to keep on the main and things we would like to remove. Using this strategy everyones opinions were heard and implemented adequately.

The lessons learned throughout the timeline of the project were that without effective communication within the group, nothing would have been possible and it is the most important factor when it comes to the creation of this project. Effective communication through teams chat, teams meetings or in person, allowed us to really understand what part everyone was up to and help update each other on changes we made throughout the construction of the website. Another lesson learned was that putting more focus on the functionality of the website was more important than the interface. By this we found if the website does not function how it's supposed to and provide the services to its consumers then there would be no point in having a flashy design or aesthetic layout. Therefore rather goin all in on each side we found the perfect

balance so the website was able to function but also had a design factor to it even though it may have been simple, but the lesson from that is sometimes less is more.

For future improvements as a team we could implement more regular meetings online, throughout the week so even when we are not meeting in person everyone can clear up any issues or ask for help with certain aspects of the project. In terms of the website for future improvement and really taking it to the next level we can add personalized experiences for users, in which everyone gets their own personalized plan, with dietary requirements that they can follow as well as tutorials and videos from trainers on how to go about reaching the users ideal fitness physique. In terms of design we could improve the website by having our own branding logo that helps identify our website as well as add more animation type images to really catch the eye of the user, adding aesthetic.

13) Version Control

User	Date	Updates
Kenny	4/10/23	- Template of base HTML CSS
Damian	5/10/23	- Converted HTML to PHP
Damian	7/10/23	- Made header, footer and Navbar php files for neatness - Database config added - Images added for store - Starting t-o pull products from database to shop page
Afroze	10/10/23	- CSS and HTML updates
Damian	11/10/23	- Dropdown for account button + CSS - Added Session Data - Function for registering login and logout. - Basic HTML and CSS for the above (For front end team to fix) - Sorting by categories on shop page - Pulling products from database on home page - Started product window
Andrew	11/10/23	- Membership function added. - Membership table pulled from database for membership page
Kenny	11/10/23	- Cart HTML and CSS design made - Started the Dark Mode function
Andrew	12/10/23	- Initial Javascript - Client-side Validation of register form
Damian	13/10/23	- Fixed DBO - Fixed Category sort
Andrew	13/10/23	- Added reference buttons
Andrew	15/10/23	- Created the User Management Module in HTML, PHP, CSS and JS

Kenny	15/10/23	- CSS updates - Updated the latin text for layout reference to text for the site - Contact form validation
Andrew	15/10/23	- Fixed menu dropdown CSS - Forum Page template started
Andrew	16/10/23	- Moved prototype to the final project
Damian	30/10/23	- Made cart system work - Added admin features
Andrew	30/10/23	- Functions for getting IP - Made lockout if password incorrect for login - Started working on handling image upload
Afroze	30/10/23	- Attempting API for BMI Calculator - CSS for the calculator completed
Andrew	31/10/23	- Geolocation API added - Changes to account management
Damian	31/10/23	- Admin Manage users added - Admin dropdown fixed
Afroze	31/10/23	- Membership styling changed - Banners for site changed
Afroze	1/11/23	- More changes to membership page
Kenny	2/11/23	- Separation of CSS pages from clashing issues - Theme changer fixed - Styling of shop page and product window and account page
Damian	3/11/23	- Forum page now live
Andrew	3/11/23	- Archive functionality on the account page works - generated and stored new sitemaps - javascript expression for validation, payment js
Afroze	5/11/23	- New Css file for About us page - Banner images about page / normal images - Updated About page HTML
Damian	5/11/23	- Fixed some admin issues
Afroze	5/11/23	- Added Contact form JS - Updated Contact form Css - Contact Page banner updated - New images added contact pg
Afroze	5/11/23	- New Js file for image slider - Implemented image slider with 3 images (Home page) - Updated Css for Home page - Updated Membership Css - Homepage Html updated