

Documentation

Deliverable A Pre-launch (coming soon) web page

Section A – Information gathering

The purpose of the website

This work aims to design and develop a website that sells sports equipment online, which provides all the information, related to the products like photos, with the ability to add items to a shopping cart and purchase them by credit card. To handle delivery, staff could log in to the webpage to have access to items and client information, in addition, to contact them, if any wrong happened.

The legislative and organisational standards and procedures

- Terms and Conditions of Use: Terms of payment, delivery, services, return and refund policies must be made clear to the clients. Deal with issues such as returns and refunds, consumer guarantees, deliveries, disclaimers and competitors.
- Having Intellectual property with the copyright of original text, images and layout.

Data storage requirements

The company already has web hosting, which is a Linux server running Apache (v2.4+), and a MySQL database (v5.7+) to store all information such as product's image, client validation form, etc.

Functional requirements

What this website will be support are as follows:

- In-site search
- Organizing features according to the specific categories they fall under
- Having multiple user sections: These sections allow the site to have different user permissions, templates, and forms for clients and staffs
- Contact Form: This facility allows creating customised forms for website users to fill out to ask questions.

- Shopping cart: This cart allows e-commerce on websites, using a real-time payments system. The shopping cart allows users to browse the site for items to purchase, has a facility for adding purchases, and more.
- E-commerce Order Form: Orders form allows clients to use a simple form to see the prices of products and order them from the website.

What this website won't support:

- Customers don't need to login or register
- Filtering and sorting products by customers
- Paying by cash or applying any discount code
- Saving customers info from contact form

Technical requirements

PHP (v7.3+), MySQL database (v5.7+) hosted on a Linux server running Apache (v2.4+)

Hierarchy of the website showing the navigation

- Section Homepage: It is a microcosm of the product homepage, except that it's more focused on a sub-topic within the product, with links to the pages for the products, and also contains the company logo, menu, and contact us section.
- Section Header: Contain the name and logo of the company
- Section Menu: Contain staff login section, shopping cart section, ask question section
- Section shopping cart: Add items to the shopping cart, view and purchase them by credit card
- Section login: Staff could login by username and password
- Section product homepage: contains list of all products and search section
- Section search: Search products by category

- Section ask here: Contain a contact form that can be filled out by the visitors of the website to ask questions.
- Section Footer: Contain contacts us information such as phone, email, etc.

Design requirements

- Photoshop design files
- Font and size of texts for different sections

Section B – Documentation of implementation

Provide a list of the technologies, languages and platforms needed to implement this project

- HTML: providing the basic structure of sites, which is enhance and modify by other technologies like CSS.
- PHP: creating dynamic content and to interacting with database
- CSS: controlling presentation, formatting, and designing provided layout.
- MySQL: defining the fields of database, and query, search the contents of the database. The database hold costumer's details for example address, payment details, product details and more.
- Apache: website hosted on a Linux server running Apache (v2.4+)

Identify the sections of the website requiring server-side code

- Search products
- Staffs login
- Add receipt and delivery information to database to view by staffs

Identify sections of the site requiring client-side code

- Form validation
- Validate inputs
- Add products to shopping cart

List 5 browsers that could be used to test the website, discuss the importance of testing in a variety of browsers and devices.

- Chrome: most popular or most commonly used browser with 64.77% of the user in 2020 for both mobile and desktop users
- Safari: After Chrome, Safari is the second most popular browser with 18% of the total browser market share worldwide, and the third most used browser on desktops, also it supports MAC/iPhone users

- Firefox: it is third with 4.31% of users and the second most used browser on desktops
- Internet Explorer/ Microsoft Edge: Despite a low market share of Internet Explorer among the browsers globally, still a significant number of customers use IE 11 online. To provide a larger test coverage, it is best to test on various browsers. This helps in delivering a cross-browser compatible website that functions seamlessly across different browsers. In addition, Microsoft Edge is the default browser for all Windows 10 devices.
- Opera: It is the fifth most popular browser in mobile, desktop, and tablets

The importance of testing in a variety of browsers and devices:

Chrome is the most popular browser in all regions. That doesn't mean we can overlook other popular browsers like Firefox and Safari. The second or the third most crucial browser based on different devices and geography are equally essential for targeting global audiences. In addition, we should target the top two platforms, Android and iOS, and ensure that people who use older browsers like IE could access to website's features.

The role of the W3C (world wide web consortium) :

Using these standards will make a website easier to maintain, update and redesign. It also increases the site's search engine ranking.

Screen shots of the contact page in edge and chrome

(2+ screen shots)

Screen shot of contact page in edge

The screenshot shows the Microsoft Edge browser window with the URL `localhost/start/registration.php`. The page features the Sports Warehouse logo at the top. Below the logo is an orange banner that reads "Sports warehouse is coming soon. If you have any questions, we would love to hear from you, please complete the following information." The main form is titled "Please fill out the details to ask question" and contains the following fields:

- * First name:
- * Last name:
- Contact Telephone number:
- * Email:

Below these fields is a text area for the question: "Please write your question here:" with a `<div>Submit</div>` button at the bottom.

Screen shot of contact page in chrome

The screenshot shows the Google Chrome browser window with the URL `localhost/start/registration.php`. The page features the Sports Warehouse logo at the top. Below the logo is an orange banner that reads "Sports warehouse is coming soon. If you have any questions, we would love to hear from you, please complete the following information." The main form is titled "Please fill out the details to ask question" and contains the following fields:

- * First name:
- * Last name:
- Contact Telephone number:
- * Email:

Below these fields is a text area for the question: "Please write your question here:" with the placeholder text "Duis asperiores sapi" and a `<div>Submit</div>` button at the bottom.

Screen shots of the validation of the HTML and CSS for the contact page

(2+ screen shots)

Screen shot of HTML validation

Website needs to validate against W3C HTML 5 validation tool: <https://validator.w3.org/>

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file registrationForm.html

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [Browse...](#) No file selected.

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 8 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 22.9.5

Screen shot of CSS validation

Website needs to validate against W3C CSS validation tool: <https://jigsaw.w3.org/css-validator/>

Jump to: [Validated CSS](#)

W3C CSS Validator results for style.css (CSS level 3 + SVG)


Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:



```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
  </a>
</p>
```



```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
  </a>
</p>
```


In addition, validated data input from user:

SW Sports Warehouse

Sports warehouse is coming soon.
If you have any questions, we would love to hear from you, please complete the following information.

First name
Only letters and white space allowed!

Last name
Horton

Contact number
+1 (774) 777-1314

Email
nusepe@mailinator.com

Try again!

Please fill out the details to ask question

* First name
Enter your first name

* Last name
Enter your last name

Contact Telephone number
Enter telephone number

* Email
Enter valid email

Please write your question here:

Submit

SW Sports Warehouse

Sports warehouse is coming soon.
If you have any questions, we would love to hear from you, please complete the following information.

Thank you
Your question has been received

SW Sports Warehouse

Sports warehouse is coming soon.
If you have any questions, we would love to hear from you, please complete the following information.

Missing fields
Please supply the following details:
First name
Last name

Please fill out the details to ask question

* First name
Enter your first name

* Last name
Enter your last name

Contact Telephone number
Enter telephone number

* Email
Enter valid email

Please write your question here:

Submit