



Cherry Clothing

Senior Project Fall 2024

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Introduction

- Cherry Clothing is an e-commerce website that offers a variety of products such as shirts, hoodies, and pants available to order.
- The website provides different features to their users such as seeing their order history, tracking their current orders, and placing new orders. And users can contact us directly to answer any questions they may have.

Objective

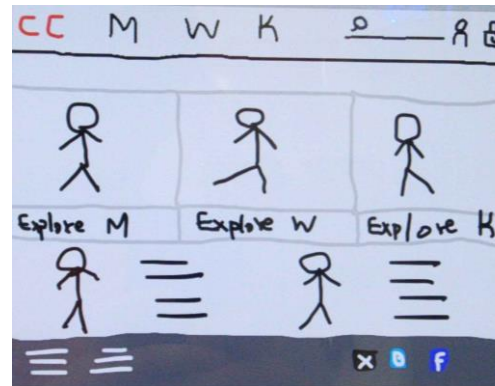
- Our system has been designed with the purpose to expand on the solution for businesses to transition to e-commerce practices, while displaying the capabilities simple and modern solutions have with these practices.

Development

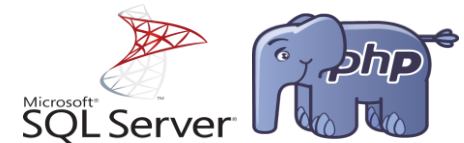
- After deciding on moving forward with the development of the project, we divided the development in different phases, such as planning the programming languages to be used, the design of the product, and the actual coding and implementation of the project and its features.



Website's logo



Early sketch for website's design

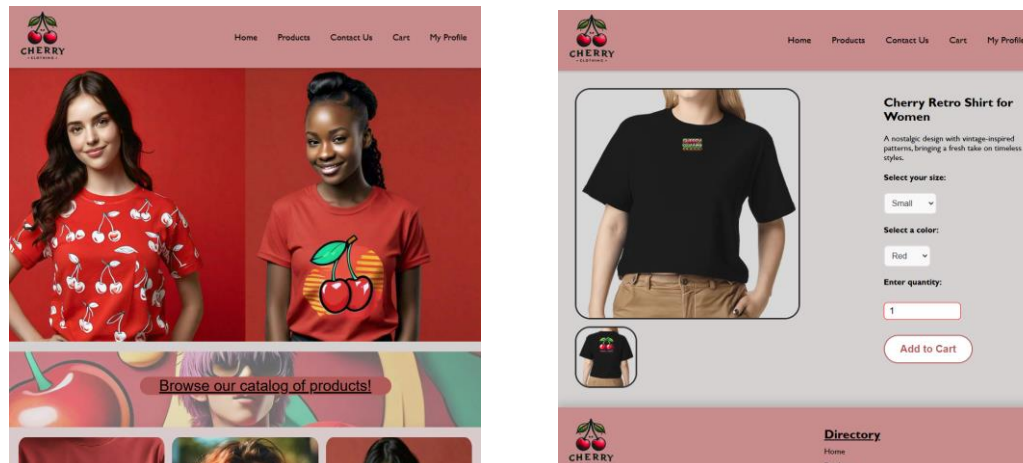


XAMPP

Programming languages and tools chosen for development of the project

Current System

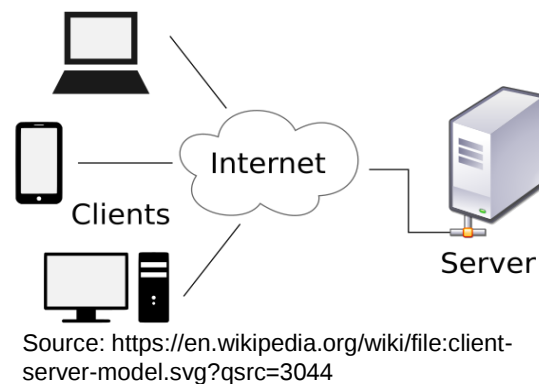
- The website includes a user-friendly design to make it easy for users to navigate through the website.
- Keeping the design simple helps the users to quickly identify the functionality of the different website's features.



Final product screens

Implementation

- The website utilizes a Microsoft SQL Server database, which allows us to store different types of data for users, such as products, orders, user information. The website uses PHP to process all the user's requests to the database and send the processes the information to be displayed for the user. The website was designed with a client-server model in mind to be able to handle the features we decided to implement.
- Other technologies used to create the website were, XAMPP and GitHub, which are used to host the website, and to share all files within the development team.



The screenshot shows a code editor with a file named 'connect.php'. The code is as follows:

```
1 <?php
2 $servername = "";
3 $username = "";
4 $password = "";
5 $dbname = "";
6
7 $connection = [
8     "Database" => $dbname,
9     "Uid" => $username,
10    "Pwd" => $password
11 ];
12
13 $conn = sqlsrv_connect($servername, $connection);
14 if(!$conn) {
15     die(print_r(sqlsrv_errors(), true));
16 }
17
```

Form handler for the connection to the server and database.



Key Features

- The website offers a variety of features that allow users to utilize the website efficiently:
 - Profile: Users can create, view, and edit their profile information to place order.
 - Orders: Users can view their orders and check the status of their orders from their profile.
 - Shopping Cart: Users can browse the website looking for the products they would like to purchase and add them into a shopping cart.
 - Checkout: Users can get the items from the shopping cart and proceed into placing an order for those items.
 - Contact us: Users can fill out a form that will be used to contact the administrative team and it will send them a confirmation email after completing the form to increase interactivity between the website and the user.





Summary

- Cherry Clothing creates an environment which allows users to easily navigate through the website to achieve different user tasks, such as create orders or editing their profile.
- Cherry Clothing can be used as a base for different e-commerce websites, as it includes many key features necessary for the functionality of the website.
- Cherry Clothing offers a solution for business owners to base on to create a simple website for users to utilize.



Thank you for your attention!

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