

# PRT520 Principles of Computing Systems

## Lab Assessment 03 (Group)

**Title: E-Commerce Website Project**

**Group Members:**

Md. Zahirul Islam

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Sharif Muktadir Hossain Chowdhury

*ID: S374100*

**Project Link:**

[https://github.com/Zahir5/simple\\_shop](https://github.com/Zahir5/simple_shop)

**Date: 24th May, 2024**

## Introduction

### Overview

This report documents the development of our HTML/CSS e-commerce website project for the PRT520 Principles of Computing Systems course. The project involved designing and implementing a user-friendly e-commerce platform, where users can browse products, view detailed descriptions, manage their shopping cart, proceed to checkout, and manage their accounts. The primary goal was to create a visually appealing and functional website using only HTML and CSS.

### Motivation

The motivation behind this e-commerce project was to apply the fundamental principles of web design and development that we have learned throughout the course. E-commerce is an integral part of the modern digital economy, and understanding the basics of how such platforms are built and styled is essential for any aspiring web developer. By focusing on HTML and CSS, we aimed to strengthen our foundational skills in front-end development, ensuring we can create structured, accessible, and visually coherent web pages. Additionally, this project provided us with an opportunity to work collaboratively, simulating a real-world development environment where teamwork and communication are crucial.

### Team Responsibilities

Pages	Responsible Member	Description
index.html	Md. Zahirul Islam, Sharif Muktadir Hossain Chowdhury	Design and implementation of the landing page, including featured products and main navigation.
shop.html	Md. Zahirul Islam	Development of the shop page where users can view all available products and filter them by categories.
product-description.html	Sharif Muktadir Hossain Chowdhury	Implementation of the product detail page that provides detailed information about a selected product.
cart.html	Md. Zahirul Islam	Design and functionality of the shopping cart page, including layout and item management.
checkout.html	Sharif Muktadir Hossain Chowdhury	Development of the checkout page, including order summary and user information forms.
account.html	Md. Zahirul Islam	Implementation of the user account page, including user details and order history.

## Conclusion

The development of our HTML/CSS e-commerce website project has been a rewarding and educational experience. Throughout the project, we have applied fundamental web development principles to create a fully functional e-commerce platform. By working exclusively with HTML and CSS, we were able to focus on the core aspects of web design, ensuring that our site is both visually appealing and user-friendly.

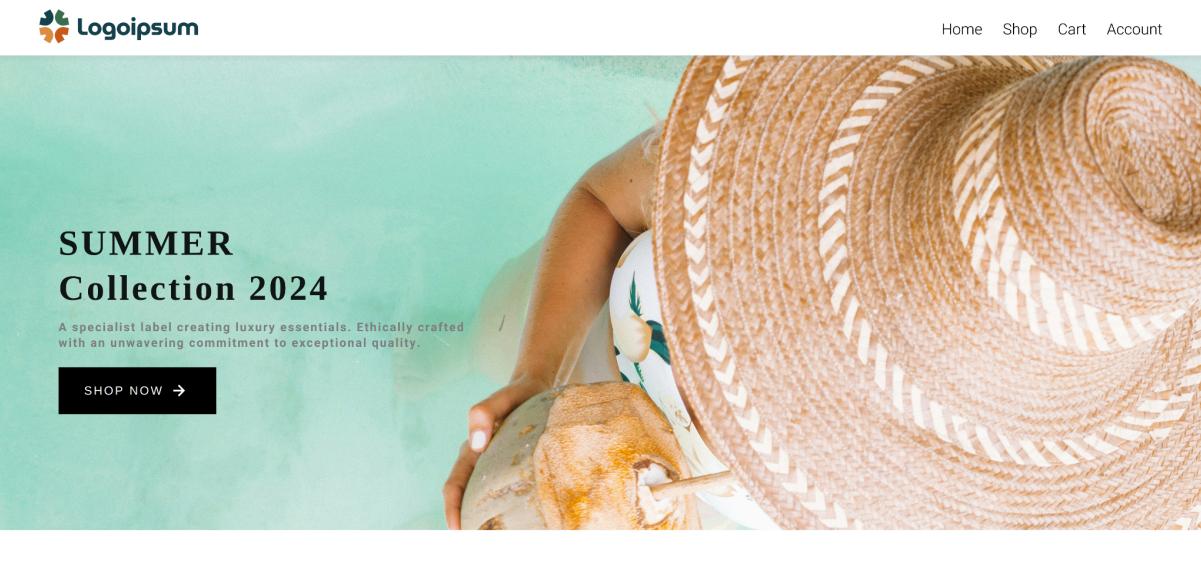
This project has provided us with valuable hands-on experience in structuring web content, styling pages for aesthetic appeal that works well on various devices. The challenges we faced and overcame, from layout adjustments to ensuring cross-browser compatibility, have deepened our understanding of front-end development.

Collaborating as a team has also enhanced our communication and project management skills. By dividing responsibilities and working on different aspects of the project, we were able to leverage each member's strengths and ensure that all components of the website were developed efficiently and effectively.

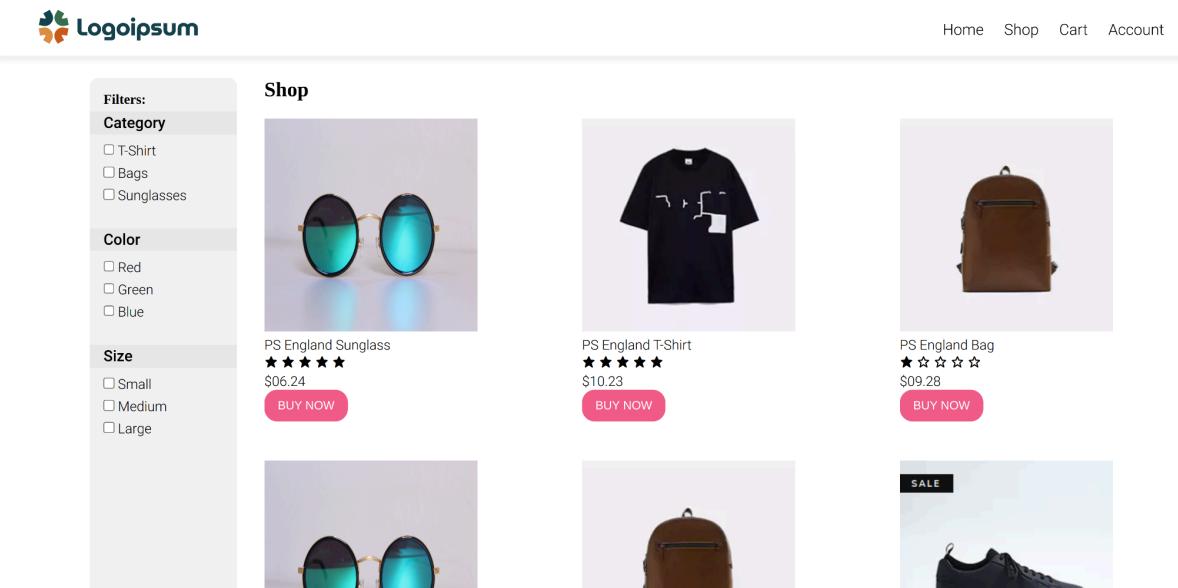
In conclusion, the e-commerce website we have created not only serves as a practical demonstration of our technical skills but also highlights the importance of teamwork and project planning. We are proud of the final product and the knowledge we have gained through this process. This project has laid a solid foundation for future endeavors in web development and beyond.

# Appendix: Screenshot

## index.html



## shop.html





### Rayban Summer Sunglass

**\$09.28**

[-](#)  [+](#) [ADD TO CART](#)

#### Similar Products



### Shopping Cart (2 items)



#### Men Comfortable Summer T-Shirt

Size: Medium  
Color: Black

\$2.58



#### Fashionable Leather Bag

Color: Brown

\$5.99

#### Order Summary

Shipping fee: \$5.00  
Subtotal (2 items): \$12.57

[CHECKOUT](#)

## checkout.html



Home Shop Cart Account

### Shipping Address

First Name:

John

Last Name:

Doe

Email:

john@doe.com

Contact Number:

04XX XXX XXX

Address:

Apt-2B, 79, Far Away Road(Near Metro Station)

City:

Canberra

State:

Victoria

Zip:

2600

### Order Summary

Shipping fee: **\$5.00**  
Subtotal (2 items): **\$12.57**

[PLACE YOUR ORDER](#)

## checkout.html



Home Shop Cart Account

### My Account

Wellcome, John

Orders

Favorites

Profile

Change Password

Sign out

### Orders



[VIEW ORDER](#)

Order Number  
78762312

Shipping Date  
24 May 2024

Total  
\$12.57

Status  
Out for delivery



[VIEW ORDER](#)

Order Number  
78762312

Shipping Date  
24 May 2024

Total  
\$12.57

Status  
Out for delivery