ONLINE SPORT PRODUCTS SHOPPING SYSTEM

Kaung Myat Ko, Kyaw Sann Moe
Student, 5th year, B.C.Sc.
University of Computer Studies, Hinthada

Supervised By
Daw Wint Kyu Kyu Ko
Faculty of Computer Science
University of Computer Studies, Hinthada

Abstract. The online sport products store system is designed to sell sport products on online for everyone. This comprehensive e-commerce platform offers a wide range of sports equipment, apparel, and accessories suitable for various sports and fitness activities. The system aims to provide an easy-to-use, secure, and efficient shopping experience for all customers, regardless of their location. The payment of this online sport products store system is cash on delivery system and online payment system.

Keywords: online shopping, cart, sport, payment, customer

INTRODUCTION

E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing web sites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace. The objective of this project is to develop a general-purpose e-commerce store where any kind of product can be bought from the comfort of home through the Internet. However, for implementation purposes, this paper will deal with an online shopping for sport products.

PROBLEM

Online sports product stores often overwhelm customers with too many options, making it difficult for them to find the right products for their specific needs. This can lead to confusion and uncertainty about which gear or apparel is the best choice for their fitness goals. Our platform addresses this issue by providing a user-friendly interface that offers personalized product recommendations based on individual preferences and needs. We simplify the shopping experience by offering accurate information about sports equipment and apparel, ensuring that customers can make informed decisions and find the best products to support their active lifestyle. This helps customers save time and feel confident in their purchases.

APPROACH

The system includes two primary interfaces: the customer side and the admin side. Each side is designed to cater to the specific needs of its customer, ensuring a smooth and efficient experience for both customers and administrators. At the customer side, customers

Accepted Date: 25.10.2024
www.ucsh.edu.mm

can easily interact with the store and perform various actions, including browsing categories, exploring brands, product details, adding to cart, account management and placing orders. At the admin
side, admin can make product management, user management, order management. By incorporating these features, the online sports products store system ensures a seamless and efficient experience for both users and administrators, facilitating smooth operations and a satisfying shopping experience. The system flow diagram for the customer role is described in the figure. In the system, customer can easily view and choose for products. If they find a product they are interested in, they view detail information of the products and add to cart. If they want to place order they need to log in to their account. If the customer is new to the system, they need to register first.

On the administrator side, the admin can log in by entering the admin's name and password. If the admin's login information is incorrect, the admin must check and reenter the name and password. When the login is successful, the admin can manage various aspects of the online sport products shopping system.

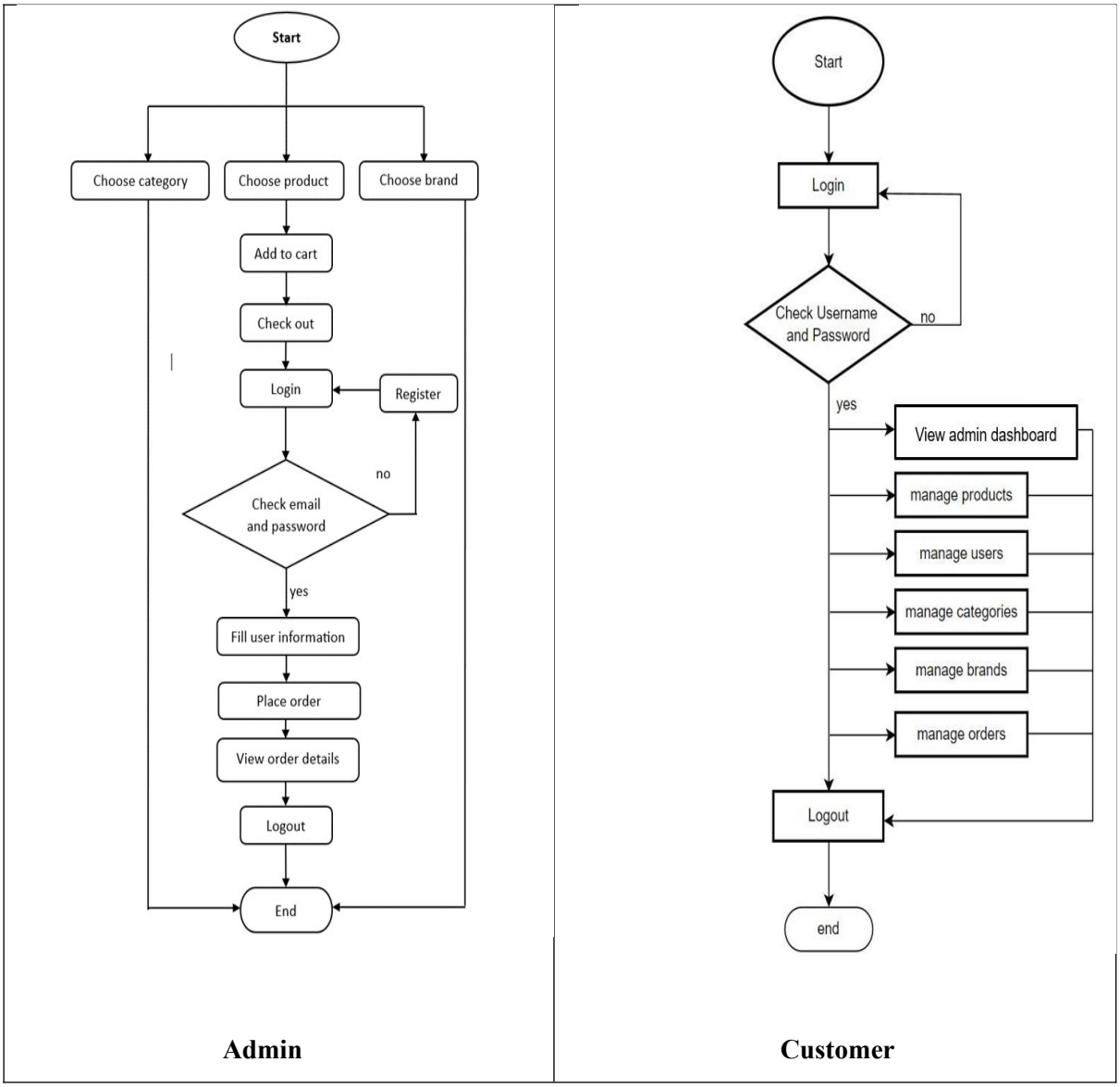

Figure 1: System Flow Diagram

Accepted Date: 25.10.2024
www.ucsh.edu.mm

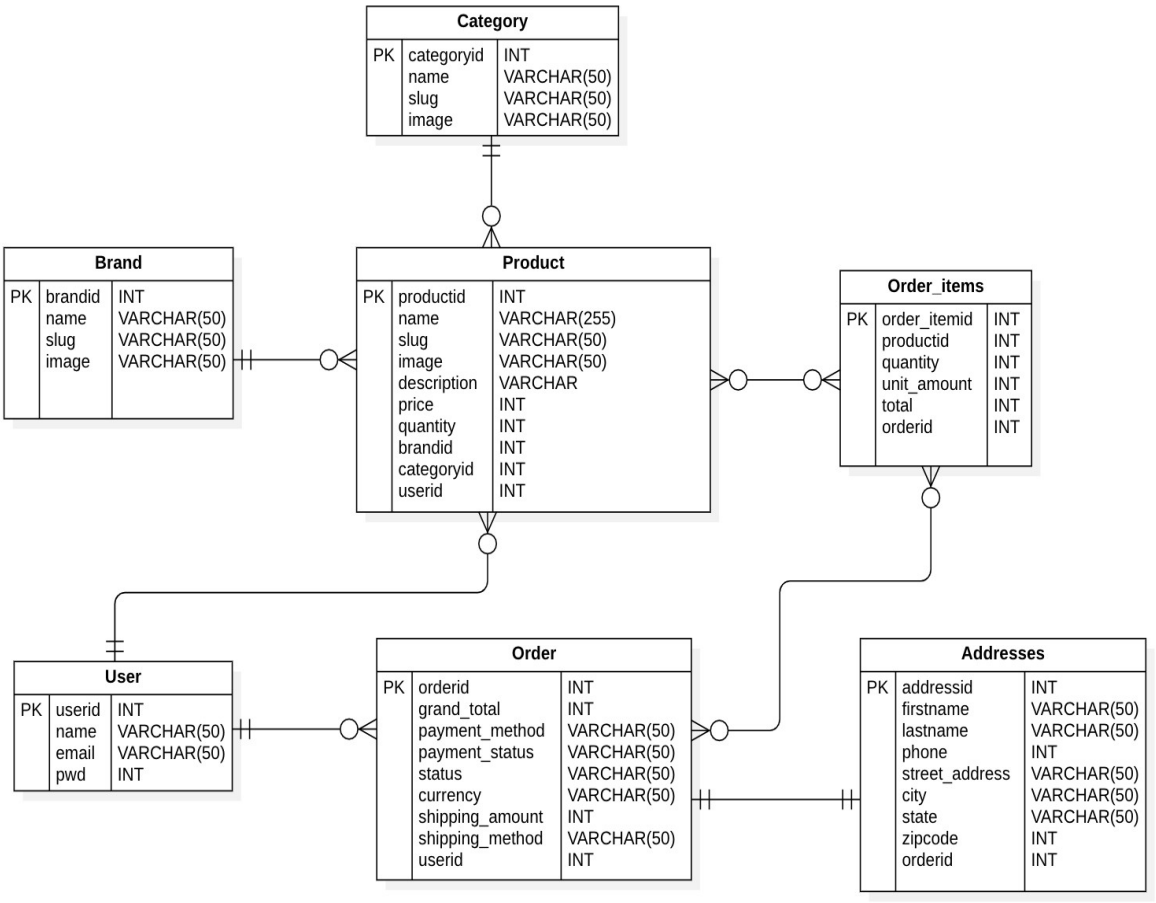

Figure 2: Database Design

This Entity-Relationship Diagram (ERD) represents the database schema for an online sport product shopping system, detailing the relationships between various entities [1]. The users table stores user information, which connects to other tables like orders and products. The products table is central, linking to categories, brands, order_items, and user data, ensuring comprehensive product management. The orders table records orders details, including order_items and addresses. The addresses table stores the detail information of the customer. This design ensures efficient data handling across the platform.

RESULTS

The "Online Sport Products Shopping System" is developed in PHP Laravel, focusing on fundamental operations such as product management, user management, category management, brand management, order management and transaction processing [2]. The design of each page of the flight reservation system has been carefully considered, utilization simpler UIs to make the flight selection and booking process easier This project provides complete information about online shopping system [3]. Customers can order new. The Online Sports Products Shopping System is regarded as the operational heart of any online

Accepted Date: 25.10.2024
www.ucsh.edu.mm

store; many businesses recognize its importance to the growth and efficiency of their operations.

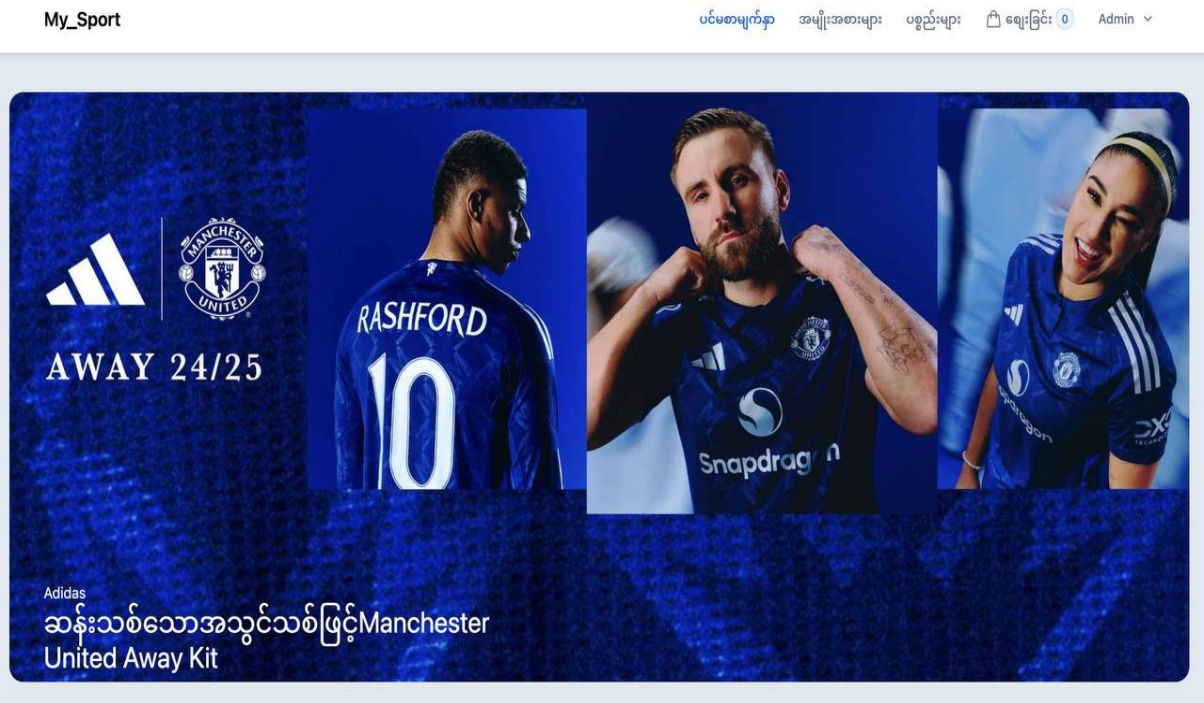

Figure 3: Implementation of the system

CONCLUSION

This system offers numerous advantages, online shopping allows customers to shop 24/7 from the comfort of their homes or anywhere with an internet connection. There's no need to travel to a physical store, find parking, or wait in lines. This system provides detailed product descriptions, specifications, and customer reviews, helping customers make informed decisions without needing assistance from sales staff. The time is saved by not having to travel, browse through physical aisles, or wait in checkout lines is significant. Online shopping is a faster and more efficient way to purchase items.

REFERENCES

[1] Michael Widenis, David Axmark, and Allan Larsson, MySQL, https://mysql.com, 1995
[2] Taylor Otwell, Laravel, https://laravel.com, 2011
[3] Rasmus Lerdorf, Hypertext Preprocessor, https://www.php.net, 1995
[4] W3C and WHATWG, HyperText Markup Language, version 5,
[5] W3C, Cascading Style Sheets, https://www.w3.org/Style/CSS/, early 2000s
[6] Brendan Eich, Java Script, https://developer.mozilla.org/en-US/ docs/Web/Java
[7] Mark Otto and Jacob Thornton, Bootstrap, https://getbootstrap.com/, August 2011
[8] Dave Gandy, Font Awesome, https://fontawesome.com/, 2012

Accepted Date: 25.10.2024
www.ucsh.edu.mm