**AN E-COMMERCE SHOPPING WEBSITE**

**SUBMITTED TO**

**THE DEPARTMENT OF COMPUTER SCIENCE**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**THE GATEWAY (ICT) POLYTECHNIC SAAPADE, OGUN STATE.**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT AWARD OF NATIONAL DIPLOMA (ND) IN THE DEPARTMENT OF COMPUTER SCIENCE.**

**BY**

**OGUNADE ABIODUN SAMUEL**

**MATRIC NUM: 22010211107**

**JUNE 2024**

**SUPERVISOR IN-CHARGE**

**MR. SADIKU**

**CERTIFICATION**

This is to certify that this project report titled **AN E-COMMERCE SHOPPING WEB-SITE** is an authentic and original work completed by OGUNADE ABIODUN SAMUEL in partial fulfillment of the requirements for NATIONAL DIPLOMA (ND) IN THE DEPARTMENT OF COMPUTER SCIENCE. The project report has been prepared under the guidance of MR. SADIKUat GATEWAY (ICT) POLYTECHNIC SAAPADE, OGUN STATE.

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MR. SADIKU DATE

(Supervisor)

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MR. ONALAJA DATE

(Head of Department)

**DEDICATION**

I humbly dedicate this project report to **GOD Almighty** for seeing ME through my project, and to brother for his support and encouragement.

I dedicate this project report to all the individuals who have supported and inspired me throughout this journey. Without their guidance, encouragement, and unwavering belief in our abilities, this project would not have been possible.

I would like to express our deepest gratitude to my supervisor, **MR. SADIKU**. His expertise, patience, and valuable insights have been instrumental in shaping this project. Her constant support and guidance have motivated me to push my boundaries and strive for excellence.

I would also like to acknowledge the support of my parents, whose love, understanding, and encouragement have been my pillars of strength. Their sacrifices and belief in my potential have motivated me to reach higher and work harder. I am grateful for their constant encouragement and for always being there for me, no matter the circumstances.

In conclusion, I dedicate this project report to all those who have been a part of my journey, directly or indirectly. Your support, encouragement, and belief in us have been invaluable. This project stands as a testament to our collective efforts and serves as a reminder of what can be achieved when we come together with a shared vision. Thank you all for being an integral part of my growth and for inspiring me to pursue excellence.

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**KEYWORDS**

**E-COMMERCE**: The buying and selling of goods and services over the internet.

**COMPUTER**: This is an electro-mechanical device that is capable of accepting data as inputs, stores it, processes the data and outputs it as result or information.

**CREDIT CARD**: It is a payment mechanism that enables consumers to make their online purchase.

**DATA**: Data are raw facts which undergo processing and become information. They are also the simplest unit of information that can stand on its own.

**DIGITAL CERTIFICATE**: It is a certificate that enables a merchant to do on-line business and it is been issued by a corporate body.

**GATEWAY**: This is a device that connects two computer networks that cannot be connected in any other way.

**HYPERTEXT DOCUMENTS**: They are documents written with HTML, ASP, ASP.NET, PHP, JAVA SCRIPT PAGES (JSP), CODE FUSION, and PROGRAMMING LANGUAGES.

**INTERNET**: It is an interaction of computer networks connecting other networks from computers, companies, houses etc. ISP: (Internet Service Provider): This is a company(s) that provides internet access to homes or business users.

**MERCHANT ACCOUNT**: It’s a contract under which an acquiring bank extends a line of credit to a merchant who wishes to accept payment card association brand

**SHOPPING CART**: A feature that allows users to select and manage items they wish to purchase before checkout.

**ON-LINE BOOKSHOPPING**: This is the buying and selling of goods through the internet or web.

**PHP (HYPERTEXT PRE-PROCESSOR):** This is a powerful server side scripting language for creating dynamic and interactive website.

**PROGRAM:** A program is a sequence of instructions written in a computer to execute a certain task and solve a problem. A program must possess clarity, be specific, effective and user friendly.

**WWW** (World Wide Web): It is a multimedia interface that connects us to resources such as documents, e-mails, chat, web sites that are available on the internet with the computer.

**ABSTRACT**

The project aimed to develop an online shop using open-source technologies (PHP, HTML5, CSS3, JavaScript, MySQL, and Apache Web Server) for goods priced in dollars, enabling customers to purchase products online. The designed application includes an admin view and a public or guest view. The admin view is designed for administrators to update product listings, change prices, manage inventory, remove and add products, and oversee customer management. The customer view allows users to manage their personal information, including their name, address, and contact details. Additionally, customers can browse products, place orders, and track their purchase history. The system also incorporates secure transaction handling and real-time inventory updates to ensure a seamless shopping experience. This project demonstrates the effective use of modern web technologies to create a robust and user-friendly e-commerce platform, meeting both administrative and customer needs.

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