**AN ONLINE BOOKSHOP WITH A PAYMENT INTEGRATION MANAGEMENT SYSTEM**

**(A CASE STUDY OF GAPOSA BOOKSHOP)**

**SUBMITTED TO**

**THE DEPARTMENT OF COMPUTER SCIENCE**

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**CERTIFICATION**

This is to certify that this project report titled AN ONLINE BOOKSHOP WITH PAYMENT INTEGRATION MANAGEMENT SYSTEM (A CASE STUDY OF GAPOSA BOOKSHOP)is an authentic and original work completed by ADEWOLE IFEOLUWA SEGUNS 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. ONI at GATEWAY (ICT) POLYTECHNIC SAAPADE, OGUN STATE.

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**DEDICATION**

I humbly dedicate this project report to GOD Almighty for seeing ME through my project, and to my 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. OYEKUNLE). 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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Finally, I would like to acknowledge the unwavering support, encouragement, and patience of my friends and families. There constant belief in us and their understanding during the ups and downs of this project have been a source of strength and inspiration.

**ABSTRACT**

This paper aims to present an e-service project findings conducted in one of the Nigeria Higher Education Institute. The objective of the project is to create a prototype showing the functionalities of Online Ordering Book System. The methodology used was Object Oriented approach where it involved three main phases, which are defining requirements, analyzing requirement and validating functionalities. There are several diagrams involved to show the functionalities of the system which are: **use case diagram**, **use case specification**, **class diagram**, **sequence diagram**, **collaboration diagram, activity diagram** and the **list of requirement**. This prototype provides a guideline in developing a real system of Online Ordering Book based on user’s perspective, particularly in the perspective of academic staff of Gateway ICT Polytechnic.

**KEYWORDS**

**ACQUIRING SANK**: This is a bank or financial institution that accepts payments for the product or services on behalf of a Merchant. BOOKSHOP: It is sometimes referred to as bookstores. It is therefore a room or shop where books of a particular type or various types are packed and sold.

**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.

**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

**MY SQL:** This is relational database server that is ideal for both small and large applications.

ON-LINE BOOKSHOP: It is representation of material or real bookshop on the internet or on the web.

**ON-LINE BOOKSHOPPING**: This is the buying and selling of books 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.

**TABLE OF CONTENT**

**Content** **Pages**

Title Page i

Certification ii

Dedication iii

Acknowledgement iv

Abstract v

Keywords vi

Table of content vii – ix

List of figures x

**CHAPTER ONE: GENERAL INTRODUCTION**

1.0 Introduction ............................................. ……………………………..........1

1.1 Background of the Study................................................................................ 2

1.2 Motivation and Problem Description............................................................. 2

1.2.1 Aims and Objectives of the Study..................................................... 2

1.2.2 Scope of the Study............................................................................. 2 - 3

1.3 Case Study Background: GAPOSA Bookshop .............................................3

1.4 Problem Statement ........................................................................................3

1.4.1 Issues with the Previous Software ....................................................4

1.4.2 Need for New Software ................................................................... 4

1.5 Comparison of Approaches ......................................................................... 5

1.5.1 Why Other Approaches are Not Suitable ........................................ 5

1.5.2 Why this Approach is Better............................................................ 5 - 6

**CHAPTER TWO: LITERATURE REVIEW**

2.1 Theoretical frame work….………………………….………………………...7

2.1.1 History of Online Bookshops..............................................................7

2.1.2 History and Evolution .........................................................................7 - 8

2.1.3 Concept of Online Shopping………………………………………...8 - 9

2.1.4 Concept of Computer Networking and the Internet………………..9 - 10

2.1.5 Internet Access………..................................................................10

2.1.6 The Concept of Internet Gateways…………………………………..10

2.2 Conceptual frame work………………………………………………………...11

2.2.1 Research Methodologies……………………………………………….11

2.2.2 Advantages and Disadvantages of Previous Research…………….11

2.2.3 Proposed Solution……………………………………………….....11 - 12

2.2.4 How the Proposed Solution differs from others….………………..12

2.2.5 Why this Proposed Solution is better………………………………12

2.2.6 The World Wide Web and Its benefits…………………………..12 - 13

2.2.7 Prerequisite Research………………………………………….….13 - 15

2.3 Empirical frame work……………………………………………………….15

2.3.1 The Merchant Account……………………………………………15

2.3.2 Key Features and Functionalities………………………………...…15 – 16

**2.3.3 Payment Integration Systems………………………………….…..16**

2.3.4 Evolution of Payment Integration Systems……………………….16 - 17

2.3.4 Modern Payment Integration Techniques…………………………17

**CHAPTER THREE: SYSTEM DESIGN AND IMPLEMENTATION**

3.1 Define Requirements ................................................................................. 18

3.2 Data Collection and Input Generation………………...………………….…18 - 20

3.2.1 Analyze Requirement……………………………….………………20

3.3.2 Validate Functionalities…………………………………………20 - 23

3.3 The New System Design.................................................................... 23

3.3.1 Program Module Specifications………………………………….23

3.3.2 Overall System Design…………………………………………….24

3.3.3 Tools and Technologies Used……………………………………..24 - 25

3.4 Implementation Plan……………………………….………………………25

3.4.1 Algorithm Design………………………………………………..25 – 26

3.4.2 Flowchart Design…………………………………………………...26

3.5 System Architecture………………………………………………………27

3.5.1 Database Design…………………………………………………28 - 29

3.6 Significance…………………………………………………………...…29

**CHAPTER FOUR: RESULTS AND DISCUSSION**

4.1 Output Generation. ………………………………………………………30

4.2 Analysis of Results ………………………..………………………….….30

4.3 Comparison with Previous System………………………………………30

4.3.1 Performance Metrics……………………………………………..31

4.3.2 User Satisfaction…………………………………………………...31

4.4 Case Study Findings: GAPOSA BOOKSHOP…………………………………..31

4.4.1 User Adoption and Feedback………………………………………31

4.4.2 Operational Efficiency……………………………………………..31 – 32

4.5 Unit Testing………………….……………………………………………..32

4.5.1 Packaging (Integration)…………………………………………….33

4.6 Discussion on Implementation Challenges………………………..……….33

4.6.1 Software Design Documentation (SDD)…………………………..34

4.7 Screenshots…………………………………………………………………35

**CHAPTER FIVE: SUMMARY, CONCLUSION AND FUTURE WORK**

5.1 Summary on findings………………………………………………….…..36

5.2 Recommendations…………………………………………………………36

5.3 Conclusion………………………………………………………………...37

5.4 Future Work…………………………………………………………….…38

**REFERENCE**  39

**APPENDIX A-B** 40 - 44

**LIST OF FIGURES**

**Figure 1.1:** GAPOSA Bookshop Case Study Overview...................................................3

**Figure 1.2:** Issues with the Previous Software..................................................................4

**Figure 1.3:** Comparison of Approaches for Book Ordering and Management.................5

**Figure 2.1:** History of Online Bookshops..........................................................................7

**Figure 2.2:** Evolution of Online Shopping........................................................................8

**Figure 2.3:** Concept of Computer Networking and the Internet........................................9

**Figure 2.4:** The Concept of Internet Gateways.................................................................10

**Figure 2.5:** The World Wide Web and Its Benefits...........................................................13

**Figure 2.6:** Payment Integration Systems Evolution.........................................................16

**Figure 3.1:** New System Design........................................................................................23

**Figure 3.2:** Overall System Design....................................................................................24

**Figure 3.3:** Tools and Technologies Used in System Design............................................24

**Figure 3.4:** System Architecture Overview........................................................................27

**Figure 3.5:** Database Design Schema.................................................................................28

**Figure 3.6:** Flowchart Design of the Algorithm..................................................................26

**Figure 4.1:** Output Generation Example from New System...............................................30

**Figure 4.2:** Performance Metrics Comparison with Previous System.................................31

**Figure 4.3:** User Adoption and Feedback Results................................................................31

**Figure 4.4:** Operational Efficiency Improvements...............................................................32

**Figure 4.5:** Unit Testing Workflow......................................................................................32

**Figure 4.6:** Packaging (Integration) Process.........................................................................33

**Figure 4.7:** Software Design Documentation (SDD) Sample...............................................34

**Figure 4.8:** System Implementation Challenges Overview...................................................33

**Figure 4.9:** Sample Screenshots of the Implemented System................................................35