**TITLE PAGE**

**DESIGN AND IMPLEMENTATION OF AN ACADEMIC INFORMATION SYSTEM USING RELATIONAL DATABASE AND HTTP SEVER (A CASE STUDY OF FEDERAL POLYTECHNIC NEKEDE, OWERRI)**

**BY**

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**SCHOOL OF ENGINEERING TECHNOLOGY (SET)**

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**APPROVAL PAGE**

This is to certify that this project work, Design And Implementation Of An Academic Information System Using Relational Database And Http Sever (A Case Study Of Federal Polytechnic Nekede, Owerri was carried out by **OBINEZU CHIOMA JECINTA**

with Registration Number 20H/0022/CS and was approved by the Department of Computer Science under the supervision of Mr. Onyike G.O.

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**Mr. Onyike G.O Date:**

(Supervisor)

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**Dr. Mrs. Ijeoma Emeagi Date:**

(Head of Department)

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**External Examiner Date:**

**DEDICATION**

I dedicate this project to God Almighty for His infinite mercy, wisdom and knowledge.

**ACKNOWLEDGEMENT**

I am grateful to Almighty for giving me strength to successfully finish this project. Appreciation goes to my supervisor Mr. Onyike G.O for his constructive feedback, his valuable advice and corrections which did enhance the perfection of this project. Once again my profound gratitude goes to my parents Mr/Mrs Nathaniel Obinezu who have strived immensely to see my success, I am grateful. To my friends and well wishers for their care, advices and supports towards success may God bless you people.

**ABSTRACT**

This book is intended for anyone who has been given the responsibility for designing or maintaining a relational database. It will teach you how to look at the environment your database serves and to tailor the design of the database to the environment. It will also teach you how to design the database so it provides accurate and consistent data, avoiding the problems that are common to poorly designed databases. In addition, you will learn about design compromises that you might choose to make in the interest of database application performance and the consequences of making such choices. With a bit more precision, the term database means a logically coherent collection of related data with inherent meaning, built for a certain application and representing a “mini-word”. A database management system (DBMS) is the software that allows database to be defined, constructed, and manipulated. Developing HTTP and RDBMS information service for federal polytechnic Nekede, Owerri was the core of this project work. The main aim and object of the study, provided most level of functionality and reduced the hitherto duplication of data so often the case with student particulars and the resultant stressful situation which the academic staff face in record manipulation.

In considering the design of a web driven relational database management system; it is obvious that RDBMS succeed to a very large extent which depends on the level of data structure while structure itself depends on the level of reliability, which can be achieved through the kind of tables and web interface to be rendered, and the requirements needed. The expected result of this project work give insight and vital information to any interested person who wish to know the requirement for developing a HTTP and a relational database management system server to effectively implement an academic information system, design has demonstrated its HTML web pages integration via PHP programming by demystifying and defining what it takes to implement an Apache, HTTP server, a MySQL relational database management system and a PHP scripting engine.

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