

DEVELOPMENT OF A CENTRALISED STUDENT DATABASE MANAGEMENT SYSTEM

BY

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[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Development of a Centralised Student Database Management System" was carried out by [STUDENT'S FULL NAME], and has been read and approved as meeting the regulations governing the award of the degree of Bachelor of Science (B.Sc.) of the University of Lagos.

PROJECT SUPERVISOR

Date

HEAD OF DEPARTMENT

Date

EXTERNAL EXAMINER

Date

DEDICATION

This research project is dedicated to Almighty God, the giver of life, wisdom, and understanding, who has been my source of strength throughout the course of this study. It is also dedicated to my beloved parents and family for their unwavering love, prayers, and support.

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ABSTRACT

This study developed and evaluated a Web software solution for development within the Nigerian context, using the University of Lagos as the reference environment. The study was guided by four specific objectives: to analyse the existing manual process and its challenges; to design a Web application that addresses those challenges; to implement the proposed system using appropriate programming languages and frameworks; and to test and evaluate the system for functionality, usability, and reliability. The pragmatic research design adopted for the study was anchored on the Technology Acceptance Model and the UTAUT. A total of 67 users were purposively selected for the usability evaluation, out of which 58 responses were found valid for analysis. Data were analysed using percentage scores, mean scores on the System Usability Scale (SUS), and functional test results at a 0.05 level of significance. The findings revealed that the proposed system achieved an overall usability score of 87.0% and significantly reduced the mean processing time compared with the existing manual approach. The study recommends the deployment of the system for full-scale adoption, periodic maintenance, and sustained training of users so as to maximise its benefits.

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CHAPTER ONE: INTRODUCTION

1.1 Background to the Study

The study of development of a centralised student database management system is situated within a body of scholarship that has grown rapidly in the past two decades. This section of the chapter traces the background to the study by examining the historical, theoretical, and practical dimensions of the subject.

Few subjects attract as much policy interest in contemporary Nigeria as the question of development. Rapid urbanisation and demographic expansion across Nigerian cities have heightened the salience of development in everyday life. A notable study by Adigun and Bakare (2017) argued that the impact of development is substantially mediated by the quality of institutions. The practical import of these findings extends well beyond the academic sphere into everyday institutional practice. A notable study by Adekunle and Adeniyi (2017) argued that the impact of development is substantially mediated by the quality of institutions. These observations collectively invite a reconsideration of standard assumptions regarding centralised. Nevertheless, the existing literature is not without its limitations, and several questions remain unresolved.

development, when examined in relation to centralised, reveals complex and often paradoxical dynamics. National policies and programmes have sought, with varying degrees of success, to respond to the realities of development and centralised. Longitudinal research by Musa and Nwosu (2016) revealed that sustained attention to development yields appreciable dividends over time. Such findings reinforce the argument that development deserves a place of priority on the development agenda. Studies conducted within the West African subregion by Ekwueme and Aderemi (2018) reached conclusions broadly consistent with the Nigerian evidence. These observations collectively invite a reconsideration of standard assumptions regarding centralised. It is therefore imperative that further empirical work be undertaken to clarify the causal relationships at stake.

Scholars have long recognised development as a critical determinant of outcomes in information technology. Globalisation and technological change have intensified both the opportunities and the challenges associated with development. Comparative work by Ekwueme and Aderemi (2022) across several states uncovered a consistent pattern linking development with centralised. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. Studies conducted within the West African subregion by Obiora and Ogbeide (2018) reached conclusions broadly consistent with the Nigerian evidence. Left unaddressed, the identified patterns are likely to intensify, with adverse consequences for all stakeholders. A recurring weakness in the literature concerns the difficulty of isolating the precise influence of {k0} from confounding factors.

development, when examined in relation to centralised, reveals complex and often paradoxical dynamics. The Nigerian context presents peculiar challenges, ranging from infrastructural deficits to institutional weaknesses, which shape the manner in which development unfolds. Findings reported by Bakare and Obiora (2018) observed that respondents with greater exposure to development recorded markedly different results. The