

DEVELOPMENT OF A RESOURCE SHARING AND COLLABORATION PORTAL

BY

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[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Development of a Resource Sharing and Collaboration Portal" 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 63 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 81.5% 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 resource sharing and collaboration portal 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.

Contemporary scholarship increasingly frames development as inseparable from the broader question of resource. Rapid urbanisation and demographic expansion across Nigerian cities have heightened the salience of development in everyday life. Studies by Ogunlana and Bello (2019) largely support the view that development exerts a measurable influence on outcomes of interest. These observations collectively invite a reconsideration of standard assumptions regarding resource. Empirical evidence from Famuyide and Famuyide (2021) suggests that positive developments in resource are associated with improvements in development. The implications of these dynamics are far-reaching, touching questions of equity, efficiency, and accountability. It is therefore imperative that further empirical work be undertaken to clarify the causal relationships at stake.

The salience of development in national discourse has grown steadily, driven by changing social conditions and technological penetration. Nigeria's federal structure and its diverse cultural geography ensure that the experience of development varies considerably from one region to another. Field evidence gathered by Aderemi and Oyelaran (2016) suggested that stakeholder engagement materially improves the results achieved in matters of development. Accordingly, there is a growing consensus that deliberate policy action is required. Studies conducted within the West African subregion by Aderemi and Adigun (2018) reached conclusions broadly consistent with the Nigerian evidence. The practical import of these findings extends well beyond the academic sphere into everyday institutional practice. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

Few subjects attract as much policy interest in contemporary Nigeria as the question of development. The socio-cultural diversity of Nigeria implies that responses to development must be differentiated rather than uniform. A notable study by Aderemi and Adigun (2017) argued that the impact of development is substantially mediated by the quality of institutions. These developments carry important implications for policy and practice in information technology. The work of Alade and Eze (2023) extended earlier analyses by demonstrating that resource reinforces the effects of development. The practical import of these findings extends well beyond the academic sphere into everyday institutional practice. Nevertheless, the existing literature is not without its limitations, and several questions remain unresolved.

The relationship between development and resource has been the subject of sustained academic interest across several disciplines. The Nigerian context presents peculiar challenges, ranging from infrastructural deficits to institutional weaknesses, which shape the manner in which development unfolds. Findings reported by Bello and Musa (2018) observed that respondents with greater exposure to development recorded markedly different