

DEVELOPMENT OF A WEB-BASED POVERTY AND WELFARE INDICATORS REPORTING SYSTEM

BY

[STUDENT'S FULL NAME]

[MATRIC NUMBER]

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DEGREE IN STATISTICS

[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Development of a Web-Based Poverty and Welfare Indicators Reporting 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 60 users were purposively selected for the usability evaluation, out of which 54 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 81.1% 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 web-based poverty and welfare indicators reporting 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.

Over the past two decades, development has become increasingly significant within the Nigerian landscape and beyond. Federal and state governments have initiated several reforms, yet implementation gaps continue to constrain progress in matters of development. Comparative work by Nnamdi and Ogunlana (2022) across several states uncovered a consistent pattern linking development with web. Accordingly, there is a growing consensus that deliberate policy action is required. Findings reported by Bamgbose and Adeniyi (2018) observed that respondents with greater exposure to development recorded markedly different results. For practitioners, the practical significance of development cannot be overstated, given its demonstrable link with web. Nevertheless, the existing literature is not without its limitations, and several questions remain unresolved.

A growing corpus of literature draws attention to the pivotal role of development in shaping developmental trajectories. Economic pressures and resource scarcity frequently determine the pace at which development advances in practice. Research by Bello and Aderemi (2021) using mixed methods provided particularly rich insight into the mechanisms connecting development and web. These observations collectively invite a reconsideration of standard assumptions regarding web. A notable study by Ekwueme and Ekwueme (2017) argued that the impact of development is substantially mediated by the quality of institutions. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. Nevertheless, the existing literature is not without its limitations, and several questions remain unresolved.

The salience of development in national discourse has grown steadily, driven by changing social conditions and technological penetration. Federal and state governments have initiated several reforms, yet implementation gaps continue to constrain progress in matters of development. A notable study by Ekwueme and Ekwueme (2017) argued that the impact of development is substantially mediated by the quality of institutions. Accordingly, there is a growing consensus that deliberate policy action is required. Kalu and Salami (2020), in a survey of relevant stakeholders, concluded that the benefits of development are unevenly distributed across groups. The practical import of these findings extends well beyond the academic sphere into everyday institutional practice. A recurring weakness in the literature concerns the difficulty of isolating the precise influence of {k0} from confounding factors.

Scholars have long recognised development as a critical determinant of outcomes in statistics. The colonial and post-colonial legacies of the Nigerian state continue to influence contemporary patterns of development. Research by Alade and Ekwueme (2021) using mixed methods provided particularly rich insight into the mechanisms connecting development and web. Left unaddressed, the identified patterns are likely to intensify,