

DEVELOPMENT OF A WEB-BASED TASK SCHEDULER AND REMINDER SYSTEM

BY

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DEGREE IN COMPUTER SCIENCE

[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Development of a Web-Based Task Scheduler and Reminder 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.

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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 61 users were purposively selected for the usability evaluation, out of which 56 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 82.2% 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 task scheduler and reminder 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.

In recent years, development has emerged as a central theme in scholarly discourse on computer science. National policies and programmes have sought, with varying degrees of success, to respond to the realities of development and web. Findings reported by Umeh and Okonkwo (2018) observed that respondents with greater exposure to development recorded markedly different results. These observations collectively invite a reconsideration of standard assumptions regarding web. Comparative work by Ibrahim and Salami (2022) across several states uncovered a consistent pattern linking development with web. For practitioners, the practical significance of development cannot be overstated, given its demonstrable link with web. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

Over the past two decades, development has become increasingly significant within the Nigerian landscape and beyond. Globalisation and technological change have intensified both the opportunities and the challenges associated with development. Empirical evidence from Adebayo and Kalu (2021) suggests that positive developments in web are associated with improvements in development. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. A notable study by Olawale and Ibrahim (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. The reviewed studies, while valuable, are frequently dated, small in scale, or confined to a single locality.

Few subjects attract as much policy interest in contemporary Nigeria as the question of development. Globalisation and technological change have intensified both the opportunities and the challenges associated with development. An examination by Olawale and Ibrahim (2019) attributed much of the observed variation in outcomes to institutional capacity and policy continuity. For practitioners, the practical significance of development cannot be overstated, given its demonstrable link with web. Longitudinal research by Umeh and Oyelaran (2016) revealed that sustained attention to development yields appreciable dividends over time. These observations collectively invite a reconsideration of standard assumptions regarding web. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

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. Longitudinal research by Ekwueme and Kalu (2016) revealed that sustained attention to development yields appreciable dividends over time. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. Comparative work by Eze