

DESIGN AND IMPLEMENTATION OF A SHOP AND OFFICE SPACE RENTAL SYSTEM

BY

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[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Design and Implementation of a Shop and Office Space Rental 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 design 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 79 users were purposively selected for the usability evaluation, out of which 73 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 88.5% 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 design and implementation of a shop and office space rental 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.

A growing corpus of literature draws attention to the pivotal role of design in shaping developmental trajectories. Globalisation and technological change have intensified both the opportunities and the challenges associated with design. The aggregate picture emerging from Musa and Nwosu (2023) points to a modest but consistent association between design and the outcomes of interest. Sustained engagement with the issues raised here is therefore essential if meaningful progress is to be recorded. Findings reported by Ogbeide and Adekunle (2018) observed that respondents with greater exposure to design recorded markedly different results. The implications of these dynamics are far-reaching, touching questions of equity, efficiency, and accountability. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

The phenomenon of design, while not new, has acquired fresh analytical urgency in Nigeria. Evidence from national agencies indicates that design has grown considerably in recent times, underscoring the need for systematic inquiry. Comparative work by Famuyide and Chukwu (2022) across several states uncovered a consistent pattern linking design with implementation. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. Empirical evidence from Dauda and Chukwu (2021) suggests that positive developments in implementation are associated with improvements in design. Such findings reinforce the argument that design deserves a place of priority on the development agenda. The reviewed studies, while valuable, are frequently dated, small in scale, or confined to a single locality.

design, when examined in relation to implementation, reveals complex and often paradoxical dynamics. Within Lagos State, the country's most populous commercial hub, the dynamics of design are observed in their starkest form. The work of Dauda and Chukwu (2023) extended earlier analyses by demonstrating that implementation reinforces the effects of design. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. Comparative work by Oyelaran and Ogbeide (2022) across several states uncovered a consistent pattern linking design with implementation. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. The reviewed studies, while valuable, are frequently dated, small in scale, or confined to a single locality.

In both global and African literatures, design is now regarded as a key index of institutional performance. Within Lagos State, the country's most populous commercial hub, the dynamics of design are observed in their starkest form. Alade and Nwosu (2020), in a survey of relevant stakeholders, concluded that the benefits of design are unevenly distributed across groups. Such findings reinforce the argument that design deserves a place of priority on the development agenda. A notable study by Adebayo and Bakare (2017) argued that the