

DEVELOPMENT OF A WEB-BASED PRIVACY AND CONSENT MANAGEMENT PLATFORM

BY

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DEGREE IN DATA SCIENCE

[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Development of a Web-Based Privacy and Consent Management Platform" 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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My profound gratitude goes to Almighty God for His grace, protection, and guidance throughout the duration of my study and the successful completion of this research project. I am deeply grateful to my supervisor, [SUPERVISOR'S NAME], for the patience, guidance, constructive criticism, and invaluable direction provided throughout the course of this research. I also wish to appreciate the Head of Department, the lecturers of the Department of Data Science, and my course mates for their support and friendship. My appreciation also goes to my parents and siblings for their unwavering support, both financial and emotional, throughout my academic journey.

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 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 84.0% 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 web-based privacy and consent management platform 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.

Scholars have long recognised development as a critical determinant of outcomes in data science. Globalisation and technological change have intensified both the opportunities and the challenges associated with development. Research by Kalu and Ibrahim (2021) using mixed methods provided particularly rich insight into the mechanisms connecting development and web. These developments carry important implications for policy and practice in data science. Research by Ibrahim and Adekunle (2021) using mixed methods provided particularly rich insight into the mechanisms connecting development and web. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

development continues to command considerable attention among researchers, policymakers, and practitioners in data science. Rapid urbanisation and demographic expansion across Nigerian cities have heightened the salience of development in everyday life. Research by Oyelaran and Aderemi (2021) using mixed methods provided particularly rich insight into the mechanisms connecting development and web. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. Evidence assembled by Musa and Dauda (2015) across twelve states underscored the heterogeneity of outcomes linked to development. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

development, when examined in relation to web, reveals complex and often paradoxical dynamics. Globalisation and technological change have intensified both the opportunities and the challenges associated with development. Field evidence gathered by Musa and Dauda (2016) suggested that stakeholder engagement materially improves the results achieved in matters of development. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. Musa and Ogbeide (2020), in a survey of relevant stakeholders, concluded that the benefits of development are unevenly distributed across groups. Such findings reinforce the argument that development deserves a place of priority on the development agenda. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

Debates on national transformation repeatedly return to the role of development and its attendant 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 Ogunlana and Chukwu (2018) observed that respondents with greater exposure to development recorded markedly different