

**Web-base System for Motherless Homes Service Providers in Oyo State, Ibadan,
Oyo State, Nigeria**

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Certification

This is to certify that Olukemi Funlola MAKINDE with the matriculation number LCU/PG/001370 carried out this research work titled “Web-based System for Motherless Babies Homes Service Providers in Oyo State” in the Department of Computer Science, Faculty of Basic Medical and Applied Sciences, Lead City University, Ibadan, Oyo State, Nigeria for the Award of Master Science Degree (M.Sc) in Computer Science and the work has not been presented and submitted elsewhere for the award of a degree, or any other purpose.

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Supervisor

Date

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Head of Department

Date

Dedication

This project is dedicated to the Almighty God, the Author and the finisher of my faith

Acknowledgment

My sincere appreciation goes to the Authority of Lead City University Ibadan for the privilege to study in such a conducive and well-structured Institution.

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Finally, I recognize with gratitude the efforts of my lovely mother and my sibling who stood by me financially, morally and spiritually before and after this program. Even though the above mentioned Institution and person have assisted in the process of this research work, I alone stand responsible for the errors if any found in the work”.

Abstract

There is a need for an effective web based system for motherless homes service providers to decrease challenges in social sectors, to achieve this there is a need to design and implement a database, develop a web application and also test a design database. The methodology is achieved by studying and reviewing other literature relating to my study to improve the efficiency of the system as a means of filling the gap in the literature. The system makes use of designing software which makes use of two programming language, content management system (CMS), PHP and Javascript. Google Map API was also integrated in the system to enable GPS location sharing of the Motherless Homes service providers address and location. A developed system which hosted on Github International web host service for test verification and implemented. Agithub is a web based hosting service version control using Git. The hardware device that was made use are personal computer, uninterrupted power. Waterfall model is the methodology adopted. The Architectural design improves three levels structure 1, client server, middle tier, and back end. The entity diagram is a logical and graphical representation of the overall structure of the data base. The flowchart is concerned about splitting of high level functions into sub functions, establishing definite relationships among specified functions. The results are partitioned into three parts which are programming language used, Admin Dashboard and user interface. A data design and architectural design and a procedural design are all included in the design process.

Keywords: Web-base, Design, NGO, Application.

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List of Acronyms

NGO Non Governmental Organisation