KADUNA POLYTECHNIC

WEB-BASED STUDENT-TO-SUPERVISOR ALLOCATION AND ASSESSMENT SYSTEM

BY

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THIS PROJECT IS SUBMITTED TO THE DEPARTMENT OF COMPUTER SCIENCE KADUNA POLYTECHNIC IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF HIGHER NATIONAL DIPLOMA IN COMPUTER SCIENCE

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DECLARATION

I hereby declare that the project has been conducted solely by me under the guidance of Mr. Adeoye Bamidele Adedayo, department of **COMPUTER SCIENCE,** Kaduna Polytechnic, Kaduna and I have neither copied someone's work nor has someone else done it for me. Authors whose works have been referred to in this project have been acknowledged.

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APPROVAL

This is to certify that this is an original work undertaken by Richard Eghenayarhiore Emmanuel CST20HND0558 and has been prepared per the regulations governing the preparation and presentation of projects in Kaduna Polytechnic.

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DEDICATION

This project is dedicated to Almighty God the beneficence the merciful and (the creator of the universe) for the gift of life and good health given to me throughout my programme.

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I would like to express my heartfelt gratitude to my parents, who have always been my biggest supporters and sources of inspiration. Your unwavering love and encouragement have motivated me to pursue my visions and achieve my goals.

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ABSTRACT

The study revolves around the development of an innovative web-based student-to-supervisor allocation and assessment system for the Computer Science department at Kaduna Polytechnic. The existing manual procedures for assigning students to supervisors and evaluating project and seminar defenses have proved to be time-consuming and cumbersome, resulting in delays and extensive paperwork. Therefore, the main objective is to create an efficient and user-friendly platform utilizing a sophisticated algorithm for automated student-supervisor pairing, streamlining the entire allocation process. By implementing a secure and seamless interface, the system aims to foster effective communication between students and supervisors, enabling them to collaborate seamlessly on project endeavors. Moreover, the system will facilitate an organized and standardized evaluation process for seminars and project defenses, ensuring accurate grading and proper documentation. Although the study acknowledges certain challenges in terms of time constraints and limited access to literature and resources, it underscores the significance of this endeavor in enhancing the overall project management system at the institution and potentially inspiring future advancements in academia.