

**A CARD BASED SECURITY SYSTEM  
(A CASE STUDY OF ECO BANK)**

**BY**

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**DEPARTMENT OF COMPUTER SCIENCE**

**FACULTY OF PHYSICAL SCIENCE**

**UNIVERSITY OF BENIN**

**BENIN CITY**

**NIGERIA.**

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**PROJECT REPORT SUBMITTED TO THE DEPARTMENT OF  
COMPUTER SCIENCE, FACULTY OF PHYSICAL SCIENCES,  
UNIVERSITY OF BENIN, EDO STATE, NIGERIA. IN PARTIAL  
FULFILMENT OF THE REQUIRMENT FOR THE AWARD OF  
BACHELOR OF SCIENCE(B.Sc.) DEGREE IN COMPUTER SCIENCE.**

**APRIL, 2023**

## **CERTIFICATION**

This is to certify that this research work was carried out by **OKUN OLORE PURITY**,  
with matriculation number **PSC1510687** in the Department of Computer Sciences,  
University of Benin in partial fulfilment of the requirements for the award of Bachelor of  
Science degree in Computer Sciences.

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**Project Supervisor**

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**Date**

## **APPROVAL**

This project is hereby approved by the department of computer science in partial fulfillment of the requirement for the award of Bachelor of Science Degree (B.Sc.) in Computer Science of the University of Benin, Benin City, Nigeria.

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**DR. MRS. AZIKEN**  
**Project Supervisor**

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**Date**

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**PROF. (MRS.) A.O. EGWALI**  
**Head of Department**

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**Date**

## **DEDICATION**

This project is dedicated to God Almighty for His love and mercies throughout my study period. Also to my dear parent for their great support and to my beloved siblings, close friends and associates for your immense contributions during the course of this project work.

## ACKNOWLEDGEMENTS

My profound gratitude to God Almighty for the knowledge, wisdom and understanding that he bestowed on me to carry out this project.

I appreciate my supervisor DR. MRS. AZIKEN for the supervision and support that she gave me, which helped in the progress and smoothness of this project.

My grateful thanks goes out to the entire computer science department of the University of Benin, the H.O.D Prof. Mrs. Egwali, and all the lecturers and all non-academic staff of the Department of Computer Science, University of Benin, Benin City, Edo State, Nigeria, who all prepared me for the base of Computer Science.

A very special thanks to all my friends and especially my family, this project would not have been possible without them who supported me morally and financially. May God Almighty continue to bless you.

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## **ABSTRACT**

This project was centered on card based security system. The current process of security is being operated manually and due to this procedure numerous problem are been encountered. A design was taken to computerized the manual process in order to check this problem. The problems were identified after series of interviews and examination of documents after which analysis was made and a computerized procedure recommended. This project will also suggest how to successfully implement the computerized procedure and to overcome the obstacle that would hinder the successful implementation of the system. The new system was designed using Microsoft visual basic 6.0 programming language. This language was chosen because of its easy syntax and features for developing windows based applications.