

UNIVERSITY OF GHANA

COLLEGE OF BASIC AND APPLIED SCIENCE

[Project Title in Caps]

[Student Name in Caps]

DEPARTMENT OF COMPUTER SCIENCE

DECEMBER 2022



UNIVERSITY OF GHANA

COLLEGE OF BASIC AND APPLIED SCIENCE

**[Title of Project in Caps]**

BY

**[Name of Student in Caps]**

**(Student ID Number)**

THIS IS A PROJECT SUBMITTED TO THE DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF GHANA, IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF A BACHELOR OF SCIENCE DEGREE IN INFORMATION TECHNOLOGY.

DEPARTMENT OF COMPUTER SCIENCE

SEPTEMBER 2023

# TABLE OF CONTENT

[***TABLE OF CONTENT***](#_gjdgxs) ***4***

[***DECLARATION***](#_30j0zll) ***7***

[***ACKNOWLEDGMENT***](#_1fob9te) ***8***

[***DEDICATION***](#_3znysh7) ***9***

[***CHAPTER 1***](#_2et92p0) ***10***

[**INTRODUCTION**](#_tyjcwt) **10**

[Background of Study](#_3dy6vkm) 10

[*Sub Heading 1*](#_1t3h5sf) *10*

[*Sub Heading 2*](#_4d34og8) *10*

[*Sub Heading 3*](#_2s8eyo1) *10*

[Problem Statement](#_17dp8vu) 10

[Objectives of the Study](#_3rdcrjn) 10

[Scope of the Study](#_26in1rg) 10

[Justification of the Study](#_lnxbz9) 10

[Conclusion](#_35nkun2) 10

[***CHAPTER 2***](#_1ksv4uv) ***11***

[**LITERATURE REVIEW**](#_44sinio) **11**

[Introduction](#_2jxsxqh) 11

[*Sub Heading 1*](#_z337ya) *11*

[*Sub Heading 2*](#_3j2qqm3) *11*

[*Sub Heading 3*](#_1y810tw) *11*

[Conclusion](#_4i7ojhp) 11

[***CHAPTER 3***](#_2xcytpi) ***12***

[**METHODOLOGY: MODELING AND DESIGN**](#_1ci93xb) **12**

[Introduction](#_3whwml4) 12

[Models](#_2bn6wsx) 12

[Designs](#_qsh70q) 12

[3.2.1 Dabases](#_3as4poj) 12

[3.2.2 Application Interfaces](#_1pxezwc) 12

[3.2.3 Reports](#_49x2ik5) 12

[3.2.3 Data Validation](#_2p2csry) 12

[Security](#_147n2zr) 12

[Conclusion](#_3o7alnk) 12

[***CHAPTER 4***](#_23ckvvd) ***13***

[**SYSTEM IMPLEMENTATION**](#_ihv636) **13**

[Introduction](#_32hioqz) 13

[4.1 Hardware and Software Requirement](#_1hmsyys) 13

[4.2 System Installation](#_41mghml) 13

[4.3 Software Testing](#_2grqrue) 13

[4.3.1 Functional testing](#_vx1227) 13

[4.3.2 Performance testing](#_3fwokq0) 13

[4.3.3 Stress testing](#_1v1yuxt) 13

[4.3.4 Structure testing](#_4f1mdlm) 13

[4.4 Debugging](#_2u6wntf) 13

[4.5 USER Training](#_19c6y18) 13

[4.6 Maintenance](#_3tbugp1) 13

[4.7 System Documentation](#_28h4qwu) 13

[4.8 Conclusion](#_nmf14n) 13

[***CHAPTER 5***](#_37m2jsg) ***13***

[**DISCUSSION, SUMMARY AND CONCLUSION**](#_1mrcu09) **15**

[Introduction](#_46r0co2) 15

[5.1 Discussion of findings](#_2lwamvv) 15

[5.2 Problems Encountered](#_111kx3o) 15

[5.3 Summary](#_3l18frh) 15

[5.4 Conclusion](#_206ipza) 15

[***REFERENCES***](#_4k668n3) ***15***

[***APPENDICES***](#_2zbgiuw) ***17***

# DECLARATION

I **[Student Name]** hereby declare that this project is a result of my own research, except for the references made and is not in any way a reproduction of any existing projects. This project is purely for academic purposes and not for monetary gains.

……………………………………………….

Dr./Mr./Mrs./Ms  *Name of Lecturer*

(Supervisor)

……………………………………………….

Mr./Ms. *Name of Student*

(Student)

# ACKNOWLEDGMENT

# DEDICATION

# CHAPTER 1

## INTRODUCTION

### Background of Study

### Sub Heading 1

### Sub Heading 2

### Sub Heading 3

### Problem Statement

### Objectives of the Study

### Scope of the Study

### Justification of the Study

### Conclusion

# CHAPTER 2

## LITERATURE REVIEW

### Introduction

### Sub Heading 1

### Sub Heading 2

### Sub Heading 3

### Conclusion

# CHAPTER 3

## METHODOLOGY: MODELING AND DESIGN

### Introduction

### Models

### Designs

#### 3.2.1 Dabases

#### 3.2.2 Application Interfaces

#### 3.2.3 Reports

#### 3.2.3 Data Validation

### Security

### Conclusion

# CHAPTER 4

## SYSTEM IMPLEMENTATION

### Introduction

### 4.1 Hardware and Software Requirement

### 4.2 System Installation

### 4.3 Software Testing

#### 4.3.1 Functional testing

#### 4.3.2 Performance testing

#### 4.3.3 Stress testing

#### 4.3.4 Structure testing

### 4.4 Debugging

### 4.5 USER Training

### 4.6 Maintenance

### 4.7 System Documentation

### 4.8 Conclusion

# CHAPTER 5

## DISCUSSION, SUMMARY AND CONCLUSION

### Introduction

### 5.1 Discussion of findings

### 5.2 Problems Encountered

### 5.3 Summary

### 5.4 Conclusion

# REFERENCES

# APPENDICES