JOMO KENYATTA UNIVERRSITY OF AGRICULTURE AND TECHNOLOGY

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Topic: ******** System

Presented by: *******

Reg. No. JKC/***/***/***

Diploma Information Technology

Supervisor: ********* ********

Submitted to the faculty of Information Technology in partial fulfilment of the requirements for the award of ***in Information Technology.

November, 2017

Declaration:

I *** **** declare that this is my project and has never been submitted to this or any other university for the award of a **** Information Technology or any other award. All foreign materials have been cited in the references.

Student signature

Sign _____ Date _____

Supervisor's signature

Sign _____ Date _____

ACKNOWLEDGEMENT

Abstract

All you need to know about the Abstract section.

1.What is an abstract? **An abstract is a short summary of your completed proposal. A well done Abstract makes your reader want to read more about your proposal.**

NB: ***This is the last section that you write in your proposal as a summary of all that you have covered***

1. What are the contents of an abstract?

- **Background of the problem**
- **problem statement:**
- **Proposed solution**
- **Methods/procedure/approach of solving the problem**
- **Justification for choice of solution**
- **The outcomes and conclusions in your project**

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- All pages before Table Chapter 1 are in roman Numbers
- Chapter one begins with Number 1.

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CHAPTER 1: INTRODUCTION

1.0. Introduction (introduction about what is to be configured in this chapter)

1.1 Background

1.2 Problem Statement

1.3 Research Objectices

1.4 Specific Objectives

1.5 Research Questions

1.6 Justification

1.7 Scope

1.8 Limitations and Assumptions

1.9 Conclusion

Chapter 2: Literature Review

2.0 Introduction

System currently in use in the area of research/ study

Literature on similar systems available locally (at least two); Here give examples and details of the systems identified including screen shots and background information such as development languages used, the back end of the systems and any relevant information that would be related to your research/ study

Literature on similar systems used globally (at least two); Here give examples and details of the systems identified including screen shots and background information such as development languages used, the back end of the systems and any relevant information that would be related to your research/ study

Compare the systems identified and show the strengths that you would borrow to develop your system and the flaws that you have identified in those systems that your proposed system would cover.

Conclusion

Chapter 3: Research Methodology

3.0 Introduction

3.1 System development

3.2 System design model

3.3 Research Methodology

3.3.1 Date Collections methods (Any that are applicable to your study, you do not have to cover all)

3.3.1.1 Interviews

3.3.1.2 Observations

3.3.1.3 Questionnaires

3.4 System Development Tools

3.4.1 Database

3.4.2 User Interface (UI)

3.4.3 Hosting

3.4.3 Text editor

3.4.5 Photo editing tools

3.5 Users of the system

3.6 System Design Model

3.7 Conclusion

CHAPTER 4: SYSTEM ANALYSIS AND DESIGN

4.0 Introduction

4.1 System Narrative (A narrative on how the users identified in section 3.5 above are going to interact with the system. What they will all be doing inn or with the system and their interactions with other users.

4.2 Use Case Diagram

4.3 Activity Diagram

4.4 Flow Chart (s) At least for one process)

4.5 Class diagram (s)

4.6 ERD (Enterprise Relational Diagram (s)

4.7 Database Schema (s)

4.8 System Requirements

4.8.1 Hardware Requirements

4.8.2 Software requirements

4.9 Conclusion

Chapter 5: System Implementation and Testing

5.0 Introduction

5.1 System Modules (the modules that have been covered in the system developed are explained)

5.2 Modules Implementation (how these modules have been implemented)

5.3 Information Security (How information has been secured)

5.4 Testing and error handling (This involves the number of entries made and tests done on every module of the system. It also includes all errors encountered in the course of development and testing. Give a record of some of the errors encountered including screenshots as evidence. Also have a minimum of 25 entries as test information in the system developed.

5.5 Conclusion

CHAPTER 6: Conclusions and Recommendations

6.0 Introduction

6.1 Achievements

6.2 Difficulties

6.3 Conclusions

6.4 Recommendations and future study

References

In APA format

Appendices

Appendix A: Code Snippet

Appendix B: Sample Questionnaire or interview questions

Appendix C: Research deliverables