Contents page

[CHAPTER ONE 1](#_Toc351761413)

[1.2 Motivation 1](#_Toc351761414)

[1.3 Background 1](#_Toc351761414)

[1.4 proplem statements and Justification 2](#_Toc351761414)

[1.5 Objective of the project 2](#_Toc351761415)

[1.5.1 General objectives 2](#_Toc351761416)

[1.5.2 Specific objectives 2](#_Toc351761417)

[1.6 Significance of the project 2](#_Toc351761414)

[1.7 Scope of the project 3](#_Toc351761418)

[1.8 Methodology 3](#_Toc351761419)

[1.8.1 Data collection method 3](#_Toc351761420)

[1.8.1 Development tools and languages used 3](#_Toc351761420)

[1.9 Limitations 4](#_Toc351761421)

[1.10 Risk Assessment & Management 4](#_Toc351761422)

[1.11 Time Schedule 5](#_Toc351761420)

[1.12 Budget 6](#_Toc351761420)

[1.13 Feasibility analaysis 7](#_Toc351761420)

[1.13.1 Economic feasibility 7](#_Toc351761420)

[1.13.2 Oprational feasibility 7](#_Toc351761420)

[1.13.3 Technical feasibility 7](#_Toc351761420)

[1.14 Team organization 8](#_Toc351761420)

[CHAPTER TWO 9](#_Toc351761423)

[Description of the existing system 9](#_Toc351761424)

[2.1 Introduction 9](#_Toc351761424)

[2.2 Problem of the existing system 9](#_Toc351761424)

[2.3 Role players in the existing system 10](#_Toc351761425)

[2.4 The existing system process 11](#_Toc351761428)

[2.4.1 Criteria for admission 11](#_Toc351761429)

[2.4.2 Tutorial providing 11](#_Toc351761430)

[2.4.3 Registration process 11](#_Toc351761429)

[2.5 Work flow of the existing system 13](#_Toc351761429)

[2.6 Report generation in the existing system 14](#_Toc351761429)

[2.7 Business rule 14](#_Toc351761429)

[2.8 Practice to be preserved 14](#_Toc351761429)

[2.9 Alternative solution for the existing system 15](#_Toc351761429)

[2.10 The proposed system 15](#_Toc351761432)

[2.10.1 Functional requirments 15](#_Toc351761429)

[2.10.2 Non Functional requirments 16](#_Toc351761429)

[2.11 Activities of the proposed system 16](#_Toc351761429)

[2.11.1 Application process 16](#_Toc351761429)

[2.11.2 Upload Modules and assignment 16](#_Toc351761429)

[2.11.3 Submission of assignment 17](#_Toc351761429)

[CHAPTER THREE 18](#_Toc351761429)

[Analaysis deliverable of the new system 18](#_Toc351761429)

[3.1 Introduction 18](#_Toc351761429)

[3.2 Use case model 18](#_Toc351761429)

[3.2.1 Actor identification 18](#_Toc351761429)

[3.2.2 Use case identification 19](#_Toc351761429)

[3.3 Conceptual class diagram 27](#_Toc351761429)

[3.4 Activity diagram 29](#_Toc351761429)

[3.5 Sequence diagram model 38](#_Toc351761429)

[CHAPTER FOUR 47](#_Toc351761429)

[Design deliverable of the new system 47](#_Toc351761429)

[4.1 Introduction 47](#_Toc351761433)

[4.2 Design Goals 47](#_Toc351761434)

[4.3 Design of class diagram 48](#_Toc351761429)

[4.4 Collaboration diagram 49](#_Toc351761429)

[4.5 State chart diagram 55](#_Toc351761436)

[4.6 Data base design 61](#_Toc351761429)

[CHAPTER FIVE 62](#_Toc351761429)

[Implementation deliverable 62](#_Toc351761429)

[5.1 Introduction 62](#_Toc351761429)

[5.2 Component diagram 62](#_Toc351761429)

[5.3 Deployment diagram 63](#_Toc351761429)

[5.4 user interface design 64](#_Toc351761429)

CHAPTER Six ………………………………………………………………………………………………………………………………………..67

Prototype development……………………………………………………………67

Conclusion ……………………………………………………………………….71

Recommendation ………………………………………………………………..72

References ……………………………………………………………………….73