BUSITEMA UNIVERSITY

FACULTY OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING

ANDROID MOBILE APPLICATION FOR STUDENT INFORMATION SYSTEM

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DECLARATION

We do hereby declare without any reasonable doubt that this final year project proposal report is our own original work and has never been presented before to the department of computer engineering for the award of a diploma in computer engineering of Busitema University. No part of this report shall therefore be duplicated without prior consent.

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APPROVAL

This is to certify that the project proposal report under the title “Android Mobile Application for Student Information System” was being done under supervision of:

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Table of Contents

DECLARATION i

APPROVAL iii

ABSTRACT viii

Tables of figures vii

LIST OF ACRONYMS viii

CHAPTER ONE 1

INTRODUCTION 1

Background 1

Problem statement 2

Objectives ..... **Error! Bookmark not defined.**

Main objectives 3

Specific objectives 3

Significance / Justification of the Project 3

Technical / Geographical Scope 4

Limitation 4

CHAPTER TWO: LITERATURE REVIEW 6

1.0 Literature Review 6

Introduction 6

2.1 How do parents get involved? 6

2.2 Impacts of Schools and parents to students in Uganda. 7

2.3 What hinders parent's involvement? 7

2.4 The role of the media regarding school information passed on to parent in Uganda 8

2.4.1 Convenience of smart phone. 8

2.5 Related Systems 9

2.6 Technologies for Mobile Communication Systems. 9
2.7 Some of the Governmental Organizations of Uganda Concerned with information, student's education and rights. 12
2.8 Proposed System. 13
CHAPTER THREE 14
METHODOLOGY 14
3.1 Introduction 14
3.2 Requirements Gathering 14
3.3 Data Analysis 14
3.4 SYSTEM DESIGN 15
3.5 Testing, Validation and Implementation 17
CHAPTER FOUR 18
4.0 Systems Analysis and Design 18
4.1 Requirements analysis 18
4.1.1 Functional requirements 18
4.1.2 Non-functional requirements 18
4.2 Deployment tools 19
4.3 Security requirements 19
4.4 System design 19
4.4.1 Use case Diagram 20
4.4.2 Context Flow Diagrams 20
CHAPTER FIVE 22
5.0 System implementation and Testing 22
5.1 Development Platforms 22
5.1.1 IONIC 22

5.1.2 Android Developer Tools 22
5.1.3 PHP ..... **Error! Bookmark not defined.**
5.1.4 Programming languages 22
5.1.5 Eclipse Platform 22
5.1.6 Sublime Text 23
5.1.7 XML 23
5.2 Network setup 23
5.3 Code design 23
CHAPTER SIX 24
6.0 Discussions and recommendations 24
6.1 Summary of the project 24
6.2 Critical analysis 24
6.3 Recommendations 24

Tables of figures

Figure 3. 1: Block Diagram of the proposed System 15

Figure 4.1 Use case Diagram 20

Figure 4.2 Context diagram 21

ABSTRACT

The mobile application for school-parent student's information dissemination with pta forum is an android based mobile application which helps parents to monitor and supervise their children's academic both at home and their work places.

It has a knowledge bank (database) which will house the different platform like news updates on current education trends, report cards, send information to school directly from the app, view activities of the school, view admission activities and other school activities, etc.

The parent will freely interact with the application and send information to the school and then the school will reply back to that particular parent based on the question raised by the parent.

School will be able to update their information on the database so that parents are fully and well updated frequently. The telephone number entered by the parent can be sent to do voice call or send text message in case particular school wants to do so.

LIST OF ACRONYMS

ADT	Android Development Tool(s)
API	Application Program Interface
App	Application
ME&S	Ministry of Education and Sports
3G	Third Generations
IDE	Integrated Development Environment
PAN	Personal Area Network
SMS	Short Messaging Service
SMTP	Simple Mail Transfer Protocol
SQL	Structured Query Language
TCP/IP	Transfer Control Protocol/Internet Protocol
WAN	Wide Area Network
UPE	Universal Primary Education
USE	Universal Secondary Education
EBD	Emotional Behavior Disorder
SOAP	Simple Object Access Protocol

CHAPTER ONE

1.0 INTRODUCTION

1.1 Background

It is widely acknowledged that for children to maximize their potential from Schooling, they need the full involvement of their parents. Parents are children's first and best teachers, and parents can do a variety of things to support their children's literacy development[1]. Parental involvement with children and the school are a critical factor that can produce great benefits for everyone concerned[1]. A substantial body of evidence confirms the benefits of parental involvement in children's education and literacy activities. Research shows that parental involvement has more positive effect on the education and literacy development of their children than other family background variables, such as social class, family size, and level of parental education; that it improves student emotional well-being[2]; that parents involving themselves with their children school progress yields positive results on improved educational performance, greater cognitive competence, and greater problem-solving skills and fewer behavioral problems[3].

Parent involvement in a child's early education is consistently found to be positively associated with a child's academic performance. Specifically, children whose parents are more involved in their education have higher levels of academic performance than children whose parents are involved to a lesser degree. The influence of parent involvement on academic success has not only been noted among researchers, but also among policy makers who have integrated efforts aimed at increasing parent involvement into broader educational policy initiatives[1].

Traditionally, parental involvement in education included contributions to their children's home-based activities (like helping with homework, encouraging reading and school attendance), and school-based activities (like attending Parents Teachers' Association meeting, Parent/Teacher conferences, and participating in fund raising activities). Uzoechina and Obidike (2008) contend that parental involvement in children's education now is manifested in their interest in school activities and active participation in children's school work. Some of these activities are fund-raising, inter-house sports, involvement in school's decision making, information dissemination,

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