

Universiti Teknologi MARA

**Motivating Primary School Children Learning
Mathematics by Persuasive Application**

Azmil Bin Abd Rahman

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“In the name of Allah, the most Gracious and the most Merciful May His blessing be upon the Prophet Muhammad S.A.W.”

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ABSTRACT

Motivating Primary School Children Learning Mathematics by Persuasive Application is an application that gives motivation to the user to improve their learning. In mathematics area, there are large scopes to learn mathematics. This application will focus on basic mathematical operation. The objectives of this project are to motivate primary school students' learning and performing basic mathematical operations, to create computer application for the students that focus on calculating and to test the functionality of the application on the users. There are many ways to teach students. In this project, persuasive application had been use as a platform for primary school's children to learn mathematics. This persuasive application will run on personal computer (PC) or laptop. Students will interact with this application while teachers will guide them.

TABLE OF CONTENTS

CONTENT	PAGE
SUPERVISOR APPROVAL	
STUDENT DECLARATION	
ACKNOWLEDGEMENT	iv
ABSTRACT	v
TABLE OF CONTENTS	vi
LIST OF FIGURES	x
LIST OF TABLES	xi
CHAPTER 1: INTRODUCTION	1
1.0 Project Background	1
1.1 Problem Statement	2
1.2 Objective	3
1.3 Scope of project	3
1.4 Significance of the study	3
1.5 Conclusion	4
CHAPTER 2: LITERATURE REVIEW	5
2.0 Introduction	5
2.1 Motivation	5
2.1.1 Definition of motivation	5
2.1.2 Motivation style	6
2.2 Learners	8
2.2.1 Normal students	8
2.3 Learning Styles	9
2.3.1 Visual	9

CHAPTER 1

INTRODUCTION

1.0 Project background

Nowadays, it is important to make students to have highest priority and attention in general education curriculum (Lamport & Ph, 2012). Lamport and Ph (2012) also said students that facing difficulty in learning had not been included or get attention in general education curriculum and education process. Historically, students with limited ability or students with special education have received a different curriculum compare to normal students (Lamport, 2012). According to Weiser (2014), incompetency in school areas make students that facing difficulty in learning tension or frustrated that lead to unmotivated feel, not interested in reading, writing and completing given task. This project will highlight the arithmetic disorder with focus on basic mathematical operation. One of the issues is difficulty for a person to understand numbers and learn mathematics (Idaamerica.org, 2012). However, with an improvement in evolution of technology, the problem those students that facing difficulty in learning could be identify and solve.