#### **SUPERVISOR APPROVAL**

# ONLINE LEARNING TOOL OF BASIC ALPHABETS WITH VOCABULARY FOR PRESCHOOL STUDENTS USING TRACING TECHNIQUE

By

## NURUL IZZATI BT AB SATAR 2014411262

This thesis was prepared under the supervision of the project supervisor, Noratikah Binti Shamsudin. It was submitted to the Faculty of Computer and Mathematical Sciences and was accepted in partial fulfilment of the requirements for the degree of Bachelor of Computer Science (Hons.) Multimedia Computing.

Approved by	
Noratikah Binti Shamsudin	
Project Supervisor	
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#### **ABSTRACT**

Preschool is the place where the children have their first experience in learning and playing with friends and teachers. Parents send their children who have no knowledge how to write and how to read to school. The children have problem to write the alphabet in correct technique. Even they can read the alphabet, the still have problem in writing. This learning tool is to help the preschool student to be able to write alphabets correctly using tracing technique where the students have to trace from point to point to form an alphabet. The learning tool had developed using Adobe Flash Professional CS5, Adobe Photoshop and Hypertext Markup Language (HTML). Adobe Flash is used for implement the tracing technique while Adobe Photoshop is used for image editing and HTML is used for web development. The evaluation method used was functionality of use and interactivity of learning. There are eight students from *Pusat Perkembangan Kanak-Kanak Sri Ayu* who are participating to test this learning tool. The result shows that most of respondents satisfied with the application.

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#### **CHAPTER 1**

#### **INTRODUCTION**

This chapter provides the background and rationale for the study. It also gives details of the significance of privacy over the internet, the issues and problems that led to this research.

#### 1.0 Introduction

Ministry of education (MOE) has said that English is a compulsory subject that every student must take. Also, English is a second language that been used in Malaysia. From that, we know that English is important for everyone especially for student in preschool because it is earlier exposed to English subject in school. But every student has different abilities to accept knowledge during learning in class. There are student that can accept everything during learning in class and also have student that cannot accept everything during learning in class. According to the Handbook of General Integrated Primary School Curriculum (MOE, 2003), it said that every students have different of experience, behaviour, talent, abilities and others. Due to that, all teachers in school must have technique or methods to encourage them to keep learn until they can understand by their own. Research found that student is weak in vocabulary part in English subject. Because of that, it become worst for them to speak, write in English.