UNIVERSITI TEKNOLOGI MARA

EVALUATION OF CHILDREN'S LEARNING EXPERIENCES WITH E-DOA

NURUL IZYANI BINTI MOHD. ARIF

IT Project submitted in partial fulfillment of the requirements for the degree of

Master of Science (Information Technology)

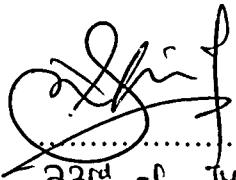**Faculty of Computer and Mathematical Sciences**

JULY 2012

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I declare that the work in this report was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the result of my own work, unless otherwise indicated or acknowledged as reference work. This report has not been submitted to any other academic institution on non-academic institution for any other degree of qualification.

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Name of Student   Nurul Izyani binti Mohd. Arif

Student's ID No.   2010384051

Program   Master of Science (Information Technology)

Faculty   Faculty of Computer and Mathematical Sciences

Project Title   Evaluation of Children's Learning Experiences with E-Doa

Signature of Candidate

Date   23rd of July 2012

ABSTRACT

Children are like a white cloth which must be colored by their parents to make a very beautiful cloth. They are the most valuable assets for the future where their generations will be the one that will replace us for a brighter future. The main objective of this study is about children's learning experiences. This study proposes a new interface design for the courseware package by making improvements on the E-Doa. The improvements include shorten the animation time, insert related background image, minimize animations that may cause distractions on the learning process, and improve the learning process by implementing the concept of bouncing ball. The scope of this study is basically on the Islamic spirituality where it aims to educate the Muslims especially children since they are in pre-school. The target users of this study are the children with the age ranged from four to six years old. The target users also include parents and pre-school teachers that may help the children to use the courseware package. Method used for this project is user testing where the E-Doa has been tested by the children and their feedbacks are the guideline for the new design. Interviews with the pre-school teachers have been conducted to get their opinion on the children learning experiences and their behavior in learning. This study also explains more in detail about the improvements that been applied into the new interface design of E-Doa. At the end of this report, recommendations are given in order to ensure that this study can be further to the next level.

ACKNOWLEDGEMENT

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