Educational Painter for Preschool Children

A project submitted to Dean of Awang Had Salleh Graduate School in Partial Fulfilment of the requirement for the degree Master of Science of Information Technology University Utara Malaysia

By

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Abstract

A lot of people are trying to educate their children via ICT from the early stages of their age. Thus, the learning by drawing using computers is important to promote children skills because drawing develops children imagination. There are a lot of educational programs about the education of children on the drawing, but these programs are designed at a high level in which it is difficult for children to use it. The proposed painter application is designed to teach children drawing, by providing relevant drawing tools. It is also equipped with alphabet learning and it is pronunciation, so that can learn letters while drawing.
ACKNOWLEDGMENTS

Praise and thank to Allah for his guidance and blessing for giving me the strength and perseverance to complete this project. I wish to thank all my dearest family members, especially my Dad and Mum, and my Wife with all my Brothers and Sisters, all of them with me for being by my side since I left my home. For their continuous support, understanding and encouragement until this project has finally finish.

I would like to acknowledge the following person whose support has been very significant in ensuring the successful completion of this project. First and foremost, I am grateful to my supportive and helpful supervisor Dr. Yuhanis binti Yusof for her guidance and constant motivation and for assessing and guiding me in the completion of this research. With all truthfulness, without them, the project would not have been a complete one. I am truly grateful for her continual support and cooperation in assisting me in all the way that has enabled me to complete my project work.

I would like to thank for my friend Asam Hamed Abbas AL-Mohamed for help me in this project through to give me guidance on how to write a thesis.

Thanks are also extended to kindergarten ( Pusat Perkembangan Kanat - Kanak Tunku Puteri Intan Safinaz University Utara Malaysia ) and all the staff members for their help to evaluate and execute this study. Finally I am indeed very grateful to have all of you around me thus given me courage and energy to complete this project. Also thank to all my lecturers and friends who help me and give me emotional support during my study, Thanks to all and thank you UUM.

QUSAY ABBOODI ALI

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CHAPTER ONE

INTRODUCTION

1.1 INTRODUCTION

Computers have become ubiquitous at all levels of schooling in developed countries. As technology in general, and information and communication technologies (ICT) in particular, permeate our education systems, there is increasing concern that young children are being “fast forwarded” through the basics of educational uses of ICT.

Plowman and Stephen (2003) argue that computers and ICT can be appropriately used in developing young children. They agree with Haugland (2000a; 2000b) who recommends that three-year old children could already start learning with computers. It is particularly beneficial in terms of its ability in changing the way children think, what they learn, and how they interact with peers and adults (Lynch & Warner, 2004) and to improve children's learning through exploration, creative problem solving, and self-guided instruction (Clements & Samara, 2003).

There are many areas of education in which the ICT has benefited learners (Jones, 2003; Finegan & Austin, 2002). Among the areas noted were improvements in mathematical problem solving and increases in language skills such as vocabulary size and
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