

Universiti Teknologi MARA

**Multimedia Tutorial Courseware on Jawi
alphabets and numbers**

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Thesis submitted in fulfillment of the requirements for
Bachelor of Science (Hons) Information System Engineering
Faculty of Information Technology And
Quantitative Science

April 2005

DECLARATION

I certify that this thesis and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline. I, hereby declare that I am responsible for the content of this thesis as it had been submitted as part of partial fulfillment of BSc. (Hons.) in Information System Engineering program.

APRIL 1, 2005

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ACKNOWLEDGEMENT

First and foremost, I would like to express my most gratitude to God with His blessing, so that I can finish up my project. Without His consent, this project cannot be completed.

Secondly special gratitude for my supervisor for this project, Pn. Suzana Binti Ahmad for her guidance, comments and advises in helping me finish up this research project. She willing to sacrificed her precious time when I want to make a consultation about my research project. Thanks again for all her kindness.

I would also like to thanks to Dr. Habibah as my coordinator for this subject.

Last but not least for people around me especially for my family for their supporting, my lecturers that support me much on remembering about the thesis, my lovely friends for their help and hope that I need to finish up this project. Lastly for people who involved directly or indirectly in helping me doing this project. May Allah blessing their life. Thank you.

ABSTRACT

Multimedia tutorial courseware has become more important nowadays. This is due to its ability and interactivity to the user. Furthermore, it provides non-linear process of learning compared to traditional way of teaching and learning. Other approach can be added to an application to make it more dynamic and interesting such as gaming approach to attract the children attention. Thus, this research paper will discussed on the requirement of multimedia tutorial courseware especially in Islamic field and therefore, will come out with the prototype on Islamic multimedia courseware. Base on the survey conducted, the demand of the courseware, the responds towards this courseware development obtained from the educators and parents as a sample group to approve that this project is essential. The development of the prototype is base on to the children learning behavior and preferences since they are the target group for the courseware. Repetition technique from Cognitive Theories has been adapted to this prototype as well as gaming approach in order to increasing the understanding.

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