UNIVERSITI TEKNOLOGI MARA

UTILIZING GAGNE APPROACH AFFECTING JAWI LEARNING COURSEWARE

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

Master of Science (Information Technology)

Faculty of Computer & Mathematical Sciences

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STUDENT'S DECLARATION

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.

In the event that my report be found to violate the conditions mentioned above, I voluntarily waive the right of conferment of my degree and degree to be subjected to the disciplinary rules and regulations of Universiti Teknologi MARA.

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ABSTRACT

Jawi in Malaysia seems to be dying due to lack of Jawi usage in daily use. In order to attract young people to learn Jawi, a better approach of learning Jawi should be introduced. High level of awareness to sustain Jawi literacy inspired researcher to find the best approach to be implemented in Jawi learning courseware to assist students in Jawi learning process. This study is a comparative study where two courseware has been used in order to asses users' acceptance level or its approach. One courseware adapted the Gagne learning approach; Gain attention, Inform learner of objectives, Stimulate recall of prior learning, Present stimulate material, Provide learner guidance, Elicit performance, Provide feedback, Assess performance and Enhance retention and transfer, while the other implemented the phonemic approach. The questionnaires were distributed to 200 respondents which consist of 100 primary school children and 100 more are adults including teachers, parents and guidance. Three objectives were framed which is to find the most favorable learning approach, association between age group and individual status towards the most favorable Jawi courseware chosen. This study showed that the most favorable CD Jawi learning among respondents is the 'Perisian K-Jawi' which uses Gagne learning theory in delivering the lesson. However there is no significant correlation between age group and individual's status with their interest toward both CD Jawi learning. Conclusion can be made those nine elements of Gagne approach is the main factor that influenced respondents to choose their most favorable learning approach.

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TABLE OF CONTENTS