

**Universiti Teknologi MARA**

**Technology-based Learning Model for Learning  
Disabilities Children**

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Thesis submitted in fulfilment of the requirements for  
**Bachelor of Science (Hons.) Business Computing**  
**Faculty of Computer and Mathematical Science**

July 2012

## **ACKNOWLEDGEMENT**

In the name of Allah, Most Gracious, Most Merciful. Alhamdulillah, thanks to the Almighty for His bless and for giving me the strength, health, and opportunity to complete my final year project as a fulfilments for the course CSP 650 (Project Formulation). Above all, I would like to express my highest gratitude to my supervisor, Dr. Fariza Hanis Bt. Abd. Razak for encouragement, trust, and belief. Without her giving me guidance, constructive critics, excellent advice, and sharing her knowledge during the preparation of this thesis, the completion of my final year project would have been impossible. I would like to give all my worth to my family for their consoling and encouraging words that had guided me throughout the journey for my research. I would also like to thank all teachers and students from Sek. Keb. Raja Muda (Integrasi), Seksyen 4, Shah Alam that gave full cooperation and helped me out in order to complete my research. Besides, I would like also to thank my friends who have helped me out. Finally I would like to express my gratitude to UiTM as an academic institution that has given the opportunity to pursue my dreams and capabilities to its maximum length.

## ABSTRACT

Learning Disabilities (LD) is considered critical problem that impedes learning for many children. With existing traditional learning techniques, children's focus and attention span are low and children are easily distracted in class. But, when engage with computer and other elements of learning technologies, children seem attracted. Plus, past research states that the positive effects of technology have been even significant and much more positive for children with special needs or disabilities. Therefore, despite of investigating learning behaviours of LD children, identifying suitable learning technologies that can motivate children to learn and propose a technology-based learning model for LD children, this research aiming to produce a technology-based learning model for LD children. However, this research is limited to the primary schools of LD children. The significance of this research is where the findings may be used as the baseline in conducting similar or different research and identification of learning techniques and learning technologies may be used as references to the teacher in teaching. The methods used for this research are observation and interview. Data collected were analyzed by content analysis. At the end of this research, some of learning behaviours, suitable learning technologies and a technology-based learning for LD children are obtained. Out of these findings, future research shall be made on specific types of LD and the focus also should be expanded to secondary school children.

**\*Keywords :** Learning Disabilities, Technology-based Learning, Technology-based Learning Model, Learning Behaviours, Learning Technologies

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