

Universiti Teknologi MARA

**The Perception of IT Organizations
Towards Software Development
Methodology Adoption**

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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**

May 2007

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

MAY 30, 2007

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APPROVAL

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SHAH ALAM

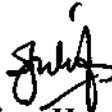
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This thesis project was prepared under the direction of supervision of the thesis coordinator, Puan Wan Nor Amalina binti Wan Hariri, Department of System Science and it has been approved by the supervisor, Puan Juliana Hamka binti Kamaroddin. It was submitted to the Faculty of Information Technology and Quantitative Science and was accepted as partially fulfillment of the requirement for degree on Bachelor of Sc (Hons) Information System Engineering.

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ACKNOWLEDGEMENT

First and foremost, praise to the Almighty “Allah S.W.T” for giving me the mental and physical strength, and confidence to complete this research.

I would like to express my sincere gratitude and appreciation to my supervisor, Puan Juliana Hamka binti Kamaroddin, for her constructive ideas, criticisms, guidance and patience throughout the duration of preparing this research. She has successfully guided me to sharpen my understanding of this research. Also a special thanks to Puan Ariza binti Nordin and Puan Wan Nor Amalina binti Wan Hariri, as the coordinators for their lectures, guidance and advices towards better understanding in producing this report.

I also would like to convey my special thanks to the entire respondents for their cooperation during the survey session. Special thanks to my friends at the Faculty of Information Technology and Quantitative Science, University Technology MARA, Shah Alam for inspiring and helping me in several ways.

I’m really thankful to my mother, Rafeah binti Mohd Sarip and my siblings for giving the moral support and encouragement to complete this research. Always showing concern and motivate me to overcome my frustrations in the process of conducting this study.

Last but not least I owe my thanks to everyone that involved directly or indirectly in the completion of this research paper. Their support is priceless and memorable for me ever. This study is possible because of all of you.

Thank You

ABSTRACT

This study was conducted to investigate the factors that impact the adoption of Software Development Methodology (SDM). This study uses interview and survey instrument to identify the SDM that mostly adopted by IT organizations. The survey focuses on the organizational perspective which is significant to obtain more information in relation to the SDM selection and adoption. Five factors of adoption by Roger's were identified and used to achieve findings in this research. The factors include relative advantage, compatibility, complexity, trialability, and observability. All the relevant data that is valuable to this study will be collected and analyze to reach the possible results. Then, the results will address the methodology used in software development industry, and also the factors that has greater impact to the adoption of that method. The result found that Rapid Application Development (RAD) is the method that mostly adopted by IT organizations. While relative advantage can be the dominant factor that influences the adoption of that method.