ACKNOWLEDGEMENT

This study would not have been possible without the encouragement, support, and co-operation of many people. I am, of course, indebted to the participants in the study who willingly took time from their busy lives to share their knowledge and experiences. One of my greatest pleasures of writing this report is acknowledging their efforts in completing this project.

First of all I would like to gratefully acknowledge the contribution of the Faculty of Computer Science and Information Technology, University of Malaya for giving me an opportunity to carry out this research study and Unit Penyelidikan DiTaja (UPDiT), IPS, University of Malaya for financially supporting me to complete this thesis.

I would like to express my deepest gratitude to my honorable lecturer Associate Professor Dr. Zaitun Abu Bakar who enlightened and provided invaluable advice and insights and consistent support throughout the writing of this thesis. Without her valuable guidance this project would not be able to proceed in the right direction to achieve its goal. Thanks a lot for your extreme patience and endless support.

Finally I like to take this opportunity to express my sincere gratefulness to my parents, my fellow friends S.L.Radha and Robinson for sharing ideas and encouragements, comments and suggestions.