UNIVERSITI TEKNOLOGI MARA

A LEGAL STUDY ON THE COMPUTER CRIMES ACT 1997 IN COMBATING COMPUTER CRIMES IN MALAYSIA

SITI HAJAR BINTI MOHAMED

MASTER IN ENFORCEMENT LAW

Faculty of Law

July 2017

AUTHOR'S DECLARATION

I declare that the work in this dissertation was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

Name of Student

: Siti Hajar binti Mohamed

Student I.D. No.

: 2014361169

Programme

: Master of Enforcement Law

Faculty

: Law

Dissertation Title

: A Legal Study on the Computer Crimes Act 1997 in

Combating Computer Crimes in Malaysia

Signature of Student:

Date

July 2017 🗥

Abstract

This research focuses on the Malaysian Computer Crimes Act 1997. The Computer Crimes Statistics by CyberSecurity Malaysia shows that the computer crimes recorded an increase every year. Since the Malaysian Computer Crimes Act 1997 was established in 2012, only a few cases have been prosecuted under this Act. Most of cases cannot be charged because of the weaknesses in this act itself. This has revealed the failure of the government in combating the computer crimes which grew uncontrollably and caused millions of ringgit losses to the victim. In order to combat this issue, a more stringent law needs to be regulated by the Malaysian Government. The objective of this study is to highlight the lacuna in the Malaysian Computer Crimes Act 1997 with the ultimate aim of formulating a proposal to rectify the weaknesses. The 1997 Act was analyzed throughout the research, with certain emphasis on the enforcement powers and a limited comparative study on the computer crimes related laws of the United States of America and Singapore. A qualitative approach was adopted with an emphasis on a doctrinal research. Due to some limitation and constraints, the doctrinal research is mainly concentrated in a library based research that covered various literatures and related statutes. The conclusions of the research correspond to the objective and answered the research questions. The research also offers several recommendations for the improvement of the Malaysian Computer Crimes Act 1997.

TABLE OF CONTENTS

AUT	i			
ABS	ü			
ACKI	iii			
TABL	iv			
LIST	ix			
LIST OF CASES				
LIST OF ABBREVIATION				
CHAI	PTER ONE: INTRODUCTION			
1.1	Introduction	1		
1.2	Background	1		
1.3	Problem Statement	4		
1.4	Research Questions	5		
1.5	Research Objectives	5		
1.6	Research Methodology	5		
1.7	Scope of Research	6		
1.8	Limitation of Research	6		
1.9	Significance of the Research	6		
1.10	Literature Review			
	1.10.1 Conceptual Framework	7		
	1.10.2 Legal Framework	9		
1.11	Conclusion	11		

CHAPTER TWO: COMPUTER CRIMES IN MALAYSIA						
2.1	Introduction			12		
2.2	Definit	Definition of Computer Crimes				
2.3	Types	ypes of Computer Crimes				
2.4	Computer Crimes Cases in Malaysia					
	2.4.1 Modification of Contents without Authority		n of Contents without Authority	14		
	2.4.2	Unauthoris	ed Access	15		
	2.4.3	Hacking		16		
2.5	Challenges in Governing Computer Crimes					
	2.5.1 Reliance on ICTs		on ICTs	17		
	2.5.2	Jurisdiction	nal Issues	17		
	2.5.3	3 Identity of Cybercriminals		17		
	2.5.4	Extradition	Problem	18		
	2.5.5 Nature of Evidence			19		
2.6	Governing Computer Crimes					
	2.6.1 Role of Law: Computer Crimes Act 1997			20		
	2.6.2 Role of Other Bodies					
		2.6.2.1	CyberSecurity Malaysia	22		
		2.6.2.2	Malaysian Communications and Multimedia Commission			
2.7	Concl	usion		24		
CHAPTER THREE: THE MALAYSIAN COMPUTER CRIMES ACT 1997						
3.1	Introduction		25			
3.2	Computer Crimes Act 1997		25			
3.2.1 Offences		Offences				
		3.2.1.1	Unauthorized Access to Computer Material	26		
		3.2.1.2	Unauthorized Access with Intent to Commit	26		
			or Facilitate Commission of Further Offence			
		3.2.1.3	Unauthorized Modification of the Contents of	27		
			Any Computer			
		3.2.1.4	Wrongful communication	27		