

**WEB SECURITY OF INTERNET BANKING WEB
APPLICATIONS IN PAKISTAN-AN
EXPLORATORY STUDY**

By

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A thesis presented to the Department of Management Sciences, Bahria University Karachi Campus, in partial fulfillment of the requirements of the MBA degree



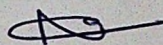


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Supervisor-Student Meeting Record

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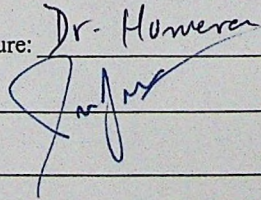
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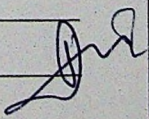
Thesis Title: Web Security of Internet Banking Web Applications in Pakistan-An Exploratory Study

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Abstract

In the last decade or so the world of internet or more appropriately known as web has evolved drastically. People from all walks of life seem to engage with web for one reason or another. This is due to the fact that within few clicks remotely you can get the desired information across the globe, the web evolution from static .com page representing company's online presence to complex web sites accommodating complex needs of end users has open a new venture for cyber criminals and new dimension for I.T security professionals to explore. Pakistan has also experience the effect of this global empowerment of Web. Based on it almost every bank in Pakistan offers internet banking service to its customers, which is a great ad on to banking services but internet banking inherits the unique security issues of web plus the additional security issues which are unique to Pakistani society. The presented research study explores the web security issues relevant to Internet banking in Pakistan. An exploratory study has been conducted that is based on the web security issues of internet banking in Pakistan. Results show that majorly the importance of internet banking web security controls by security professionals in the banks is paid to network level controls by using network security devices i.e Firewalls. And whether the I.B web application is developed in-house or outsourced the needed emphasis hasn't been paid to SDLC security controls.

Table of Contents

2nd Half-semester Progress Report & Thesis Approval.....	i
Declaration of Authentication.....	ii
List of Figures.....	iii
List of Abbreviations.....	iv
First Page of Plagiarism Test Report.....	vi
Acknowledgement.....	vii
Abstract.....	viii
Table of Contents.....	ix
Chapter One: Introduction.....	1
1.1 Recent Cyber Data Breaches.....	4
1.2 Problem Background.....	5
1.3 Aim of Study.....	7
1.4 Scope of Study.....	8
1.5 Organization of Thesis.....	8
Chapter Two: Literature Review.....	9
2.1 Origins of Internet and Security.....	9
2.2 Web Security.....	10
2.3 Internet Banking in Pakistan.....	11
2.4 Dissecting the Web Architecture.....	11
2.5 Web Security Attacks and their Defenses.....	16
2.5.1 SQL Injection.....	16
2.5.2 Problems with Hidden Form Field Values.....	19
2.5.3 Session Hijacking.....	22
2.5.4 Cross Site Request Forgery.....	23
2.5.5 Cross Site Scripting.....	24
Chapter Three: Research Methodology.....	26
3.1 Nature of Research.....	26
3.2 Sampling Techniques and Sample Size.....	26

3.3	Data Collection Method.....	26
3.4	Ethical Consideration.....	29
3.5	Data Integration Method	29
Chapter Four: Results.....		30
4.1	Introduction.....	30
4.2	Data Type.....	30
4.3	Data Collection Methods.....	30
4.4	Data Analysis Strategy.....	30
4.5	Presentation of Research Findings.....	31
	4.5.1 Findings of Interviews.....	31
	4.5.2 Notable Findings of Online visits to internet banking Applications.....	36
Chapter Five: Critical Debate.....		37
5.1	Proactivity is the Key to I.B Web Security?.....	37
5.2	Compensation of Missing Out the Development Phase of I.B	37
5.3	Why I.S Pros are 'Bad Guys' ?.....	37
5.4	Importance of Regulatory Enforcement.....	38
5.5	Pay Attention to Details.....	38
5.6	You can Outsource Responsibility but not Accountability.....	38
5.7	The Dilemma of Profit vs Cost Center.....	39
Chapter Six: Conclusion.....		40
6.1	Conclusion.....	40
6.2	Recommendations.....	40
	6.2.1 Overall Security Controls strategy during and after I.B Development.....	40
	6.2.2 Important Security Controls during Development.....	40
	6.2.3 Security Operations in routine/ Post-Launch of I.B.....	42
	6.2.4 Enforcement of Security by Central Bank.....	42
6.3	Future Directions.....	43
References.....		44
Appendix A-OWASP Application Threat Modeling.....		47

Appendix B-Interview/Discussion Questions.....81
Appendix C-Online Visits to I.B Websites..... 82
