AWARENESS AND PRACTICES OF UNIVERSITI TEKNOLOGI MARA (UiTM) SARAWAK, STUDENTS TOWARDS INTERNET SECURITY

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APPENDIX D

UNIVERSITI TEKNOLOGI MARA

<u>ORIGINAL LITERATURE WORK DECLARATION</u>

Name of Student   :

Registraion Matric No   :

Name of Degree   :

Title of Research Project ("this work"): Customer's Acceptance of Islamic Pawn Broking in Sarawak)

Field of Study   : Marketing

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CHAPTER 1

1.0 INTRODUCTION

1.1 Background of the study

The growth of the internet over the past decade has been one of mankind's greatest achievements. The rapid growth of the internet has made people become more dependent on it. It is vital for users to fully understand the threat that they face while surfing the internet. This understanding and the knowledge of the threat can help users to protect not only their computer and other digital medium but also their personal information stored and available on the internet.

People not only use the internet to communicate but also they use it for information searching, social media surfing, entertainment, internet transaction, e-commerce, digital marketing and online education (Sandesh, 2012). All of this activities done using internet will expose users directly towards the threat of hackers or viruses. Internet security will act like an umbrella that will cover your computer from all the threats. Various anti-viruses application can be used to protect the user's computer and other digital medium as well as their personal information (Karishma Sundaram, 2010).

For this research, all respondents are students chosen from UiTM Samarahan. Research is done to investigate student's awareness and practices towards internet security.

CHAPTER 2

2.0 Literature review

2.1 Internet

Before the invention of internet, there is no network, e-mail. The people rely all their long range communication by using telephone, postal mail, or even using telegrams to communicate (Frederick M. Avolio, 1999). Internet services are world-wide broadcasting capabilities that enable people to interact more easily and also dissemination of information between people regardless of the geographical location (Barry M. Leiner, 2001). Besides for communicating, people also use the internet for their pleasure need such as entertainment-to enjoy themselves and to obtain more information about the personal interest (Robert Kraut, 2009). The original concept of internet services was invented by Kleinrock in 1961 as he wrote about ARPANET, and through the concept of Arpanet the technology of information system had evolve and eventually lead to the creation of Internet services (Kim Ann Zimmermaan, 2012).

2.2 Internet security

Internet is known as one of the fastest growing areas of technical infrastructure development. The internet security is an important part of the development of information technology as well as internet services. By strengthening the security and protecting the critical information are essential for the nation's security and economic well-being (Ravi sharma, 2012). Society becoming more dependent on the internet system in all range of human life (Abraham D. Sofaer, David Clark, Whitfield Diffie). In previous research have found that the public concern towards internet security has increased since 2006 (ThillaRajaretnam, 2012).

The internet network once had suffered from systematic attack from the 'internet Worm'; the day is remembered as "Black Thursday". This "Black Thursday" is happened on November the 2nd 1998 (Don Seeley). Now the users of the internet are vulnerable to different type of threat from the internet, such as virus, worm, bugs, Trojan. Besides that, the users also exposed to sniffers, spoofing, phishing while there using the internet services (Aspinwall, J, 2000). The threats nowadays are no longer concentrate on traditional security devices such