SMARTPHONE USING RISK BEHAVIORS FOR CYBERCRIME VICTIMISATION : A CASE STUDY OF KASETSART UNIVERSITY, BANG KHEN CAMPUS, STUDENTS

Pol.Cpl.Chetsadaphong Khamchu, Pol.Lt.Col.Seksan Khruakham, Ph.D.

Social Sciences Faculty, Royal Police Cadet Academy, Thailand

email: chetsadaphong.d@gmail.com

ABSTRACT

In 2001, mobile phone users were only 20% of the world's population, but the number of mobile phone users has dramatically increased to almost 100% of the world's population in 2017. The rapid change of technology has also brought the rapid change in lifestyles of people. For instance, smartphones have become one of the most useful devices in modern society. However, using a smartphone can be vulnerable to higher technology-crime victimization. Therefore, it is interesting to study smartphone using risk behaviors of being a cyber-crime victim. This quantitative research was conducted by collecting data from the samples of 400 Kasetsart University, Bang Khen Campus, students selected by using stratified sampling method. The data were collected through online questionnaires and analyzed by using descriptive statistics including frequency, percentage, mean, and standard deviation and referential statistics including t-test and F-test. The results show that place of birth of smartphone users caused a significant difference in risk behaviors for cyber-crime victimization at the significant level of 0.05, meanwhile, gender, age, faculty, and residence did not cause any significant difference in risk behaviors. In addition, it was found that the number of smartphones, number of phone number in service, smartphone using duration, smartphone using duration for social media, and smartphone operation system caused some significant differences in risk behaviors for cyber-crime victimization. There were 3 risk behaviors in a rather high level for being a victim of cyber-crime including 1) careless smartphone using that makes it easy to be stolen, 2) setting up auto - log in for many applications, and 3) using public wi-fi to get an access to the internet. However, most of the risk behaviors for cyber-crime victimization of the sampled smartphone users were found at a rather low level.

Keywords: victimization, risk behaviors, cyber-crime, smartphone, criminology

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"A Transformative Community: Asia in Dynamism, Innovation, and Globalization"

Mae Fah Luang University, Chiang Rai, Thailand

8 – 10 November, 2018