

Smart phone Security Functionality Awareness Model for USIM Student

Hanan Yousef Taher

(Matric No. 3130008)

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Nilai

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**AUTHOR DECLARATION**

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

I hereby declare that the work in this dissertation is my own, except for the quotations and summaries which have been duly acknowledged.

Date: May, 2015

Signature:

Name: Hanan Yousef Taher

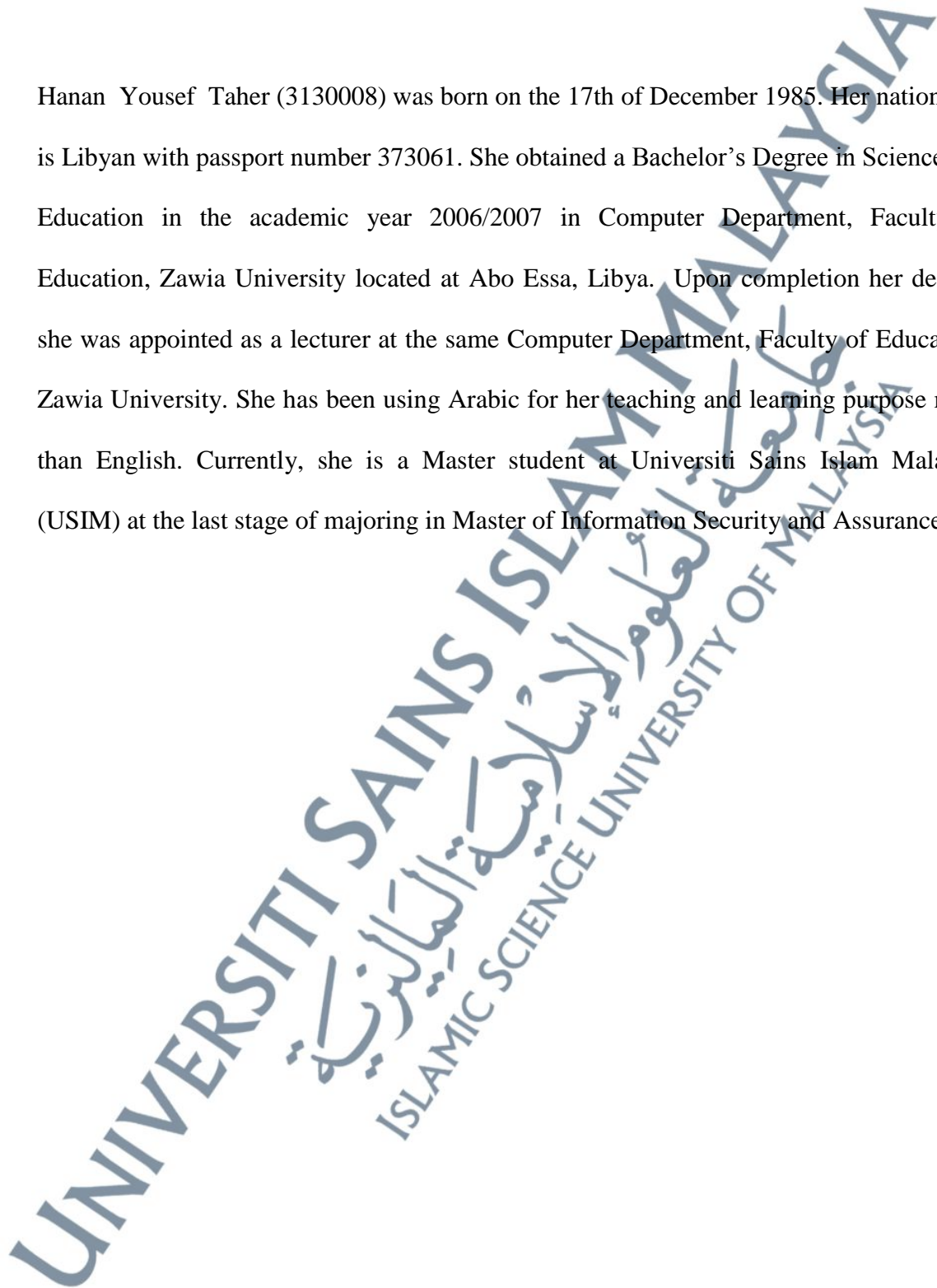
Matric No: 3130008

Address: P11-B-06-05 Sri lavender TMN

Sepakat Indah 2/2, Kajang, Selangor, Malaysia.

## BIODATA OF AUTHOR

Hanan Yousef Taher (3130008) was born on the 17th of December 1985. Her nationality is Libyan with passport number 373061. She obtained a Bachelor's Degree in Science and Education in the academic year 2006/2007 in Computer Department, Faculty of Education, Zawia University located at Abo Essa, Libya. Upon completion her degree, she was appointed as a lecturer at the same Computer Department, Faculty of Education, Zawia University. She has been using Arabic for her teaching and learning purpose more than English. Currently, she is a Master student at Universiti Sains Islam Malaysia (USIM) at the last stage of majoring in Master of Information Security and Assurance.



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## ABSTRACT

The smart phone plays a vital role and is very important to individual life, whether personal or business. However there is possible lack of awareness on smart phone security functionality among smart phone users, and this could led to the smart phone security threats and risks. This study aims to propose a model on smart phone security functionality awareness for USIM students. The objectives of this research include to identify the level of awareness functional security on smart phones, investigate identify the relation between the factors that might on the affect on the level of awareness security functionality. The research is using quantitative approach. A questionnaire was distributed to 375 students (smart phone users') in USIM. Data collected were analyzed using descriptive statistics, reliability, Pearson correlation analysis and standard multiple regression. The findings revealed that all the independent variables were found to be statistically correlated to each other. Further, Standard multiple regression was conducted in order to investigate the relationships between independent variables and factors; security knowledge, security training, security behavior and security attitude. The results indicate high level of awareness of smart phone security functionality among students. This research finding also identify the factors and a smart phone security functionality awareness model is proposed. This study concluded that the USIM student's level of awareness in smart phone security functionality is high and the factors influenced it.

Keywords: Smart phone, Awareness Users, Security Functionality, Authentication

Biometric.

## ABSTRAK

Telefon pintar ini memainkan peranan yang penting dan sangat penting kepada kehidupan individu, sama ada peribadi atau perniagaan. Namun ada kemungkinan kekurangan kesedaran mengenai fungsi keselamatan telefon pintar di kalangan pengguna telefon pintar, dan ini boleh membawa kepada ancaman keselamatan telefon pintar dan risiko. Kajian ini bertujuan untuk mencadangkan satu model mengenai keselamatan telefon pintar kesedaran fungsi untuk pengguna. Objektif kajian ini ialah mengenalpasti tahap keselamatan berfungsi kesedaran pada telefon pintar, menyiasat mengenal pasti hubungan antara faktor-faktor yang mungkin pada kesan pada tahap fungsi keselamatan kesedaran. Kajian ini menggunakan pendekatan kuantitatif. Soal selidik telah diedarkan kepada 375 pelajar (pengguna telefon pintar) di USIM. Data yang diperolehi dianalisis dengan menggunakan statistik deskriptif, kebolehppercayaan, analisis korelasi Pearson dan regresi berganda standard. Dapatan kajian menunjukkan bahawa semua pembolehubah bebas didapati statistik korelasi antara satu sama lain. Di samping itu, regresi berganda Standard telah dijalankan untuk menyiasat hubungan antara pembolehubah bebas dan faktor-faktor; pengetahuan keselamatan, latihan keselamatan, tingkah laku dan sikap keselamatan keselamatan. Hasil kajian menunjukkan tahap kesedaran pintar fungsi keselamatan telefon di kalangan pelajar. Dapatan penyelidikan ini juga mengenal pasti faktor dan mod kesedaran fungsi keselamatan telefon pintar adalah dicadangkan. Kajian ini menyimpulkan bahawa tahap pelajar USIM kesedaran dalam fungsi keselamatan telefon pintar adalah tinggi dan faktor-faktor yang mempengaruhinya.

**Kata kunci:** Smartphone, pengguna Kesedaran, Fungsi Keselamatan, Pengesanan biometrik.

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