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**INTENTION TO USE E-GOVERNMENT SERVICES
AMONG THE ACADEMIC STAFF IN SAUDI
UNIVERSITIES**



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UUM

Universiti Utara Malaysia

**DOCTOR OF BUSINESS ADMINISTRATION
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By



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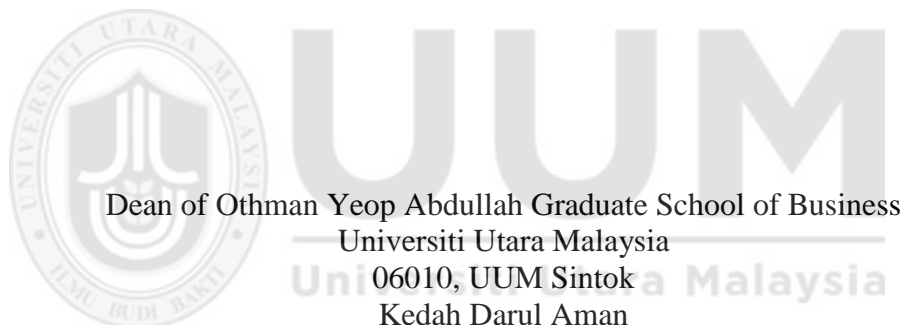
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Othman Yeop Abdullah Graduate School of Business,
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ABSTRACT

E-government diffusion and usage is a global topic that concerns many countries worldwide. E-government is a way for providing services of government over online channels of communication to its citizens. Saudi Arabia has implemented a program of e-government in 2005 to encourage performance of public sectors through acquiring the benefits of Information Communication Technology (ICT) advances. This study focuses on the factors that influence intention to use e-government among the academic staff in Saudi Arabia. In addition, this study is to identify the mediating role of e-government awareness on the relationships between social influence, trust of internet and trust in intermediaries and intention to use e-government and the mediating role of perceived risk on the relationships between trust of internet and trust in intermediaries and intention to use e-government. Based on the Theory of Planned Behaviour (TPB), this study integrated these factors to examine their influences on intention to use e-government. This study utilized a quantitative approach using a survey to reflect consumers' perspectives towards e-government usage. To examine the hypothesized model, the data were collected from the academic staff working in Saudi public universities. This study employed Partial Least Squares techniques to confirm the validity and reliability of the measurement model and to examine the structural relationships. The findings of the study confirmed the influences of social influence, e-government awareness, trust in intermediary and perceived risk on intention to use e-government. Further, awareness of e-government is influenced by social influence, trust in Internet and trust in intermediary and mediates the relationship between these factors and intention to use e-government. Trust in Internet factor emerged as significant predictor of consumers' risk perceptions and mediates the relationship between this factor and intention to use e-government. This study has important implications for e-government practitioners, researchers and policy decision makers interested in the implementation of e-government.

Keywords: electronic government, usage intention, perceived risk, awareness, social influence.

ABSTRAK

Penyebaran dan penggunaan e-kerajaan adalah satu topik global yang melibatkan banyak negara di seluruh dunia. E-kerajaan adalah satu kaedah menyediakan perkhidmatan kerajaan melalui saluran komunikasi kepada rakyat. Dalam usaha bertindakbalas kepada perubahan ini, kerajaan Arab Saudi telah melaksanakan program e-kerajaan pada tahun 2005 untuk menggalakkan prestasi sektor awam melalui perolehan pelbagai faedah daripada kemajuan teknologi inovatif dalam ICT. Kajian ini memberi tumpuan kepada faktor-faktor yang mempengaruhi niat untuk menggunakan e-kerajaan di kalangan staf akademik di Arab Saudi. Di samping itu, kajian ini adalah untuk mengenalpasti peranan pencelah kesedaran terhadap e-kerajaan dan tanggapan risiko terhadap hubungan diantara pengaruh sosial, kepercayaan terhadap internet dan kepercayaan terhadap orang tengah dengan niat untuk menggunakan e-kerajaan. Berdasarkan Teori Tingkahlaku Dirancang (TPB), kajian ini menggabungkan faktor-faktor ini untuk mengkaji pengaruh mereka ke atas niat untuk menggunakan e-kerajaan. Kajian ini menggunakan pendekatan kuantitatif melalui kaedah tinjauan untuk mencerminkan perspektif pengguna terhadap penggunaan e-kerajaan. Untuk mengkaji model hipotesis, data telah diperolehi daripada kakitangan akademik yang bertugas di universiti awam di Arab Saudi. Kajian ini menggunakan teknik *Partial Least Squares* untuk mengesahkan kesahihan dan kebolehpercayaan model pengukuran dan untuk memeriksa hubungan struktur. Hasil kajian itu mendapati pengaruh sosial, kesedaran terhadap e-kerajaan, kepercayaan terhadap orang tengah dan tanggapan risiko mempunyai hubungan dengan niat untuk menggunakan e-kerajaan. Di samping itu, kesedaran terhadap e-kerajaan adalah dipengaruhi oleh pengaruh sosial, kepercayaan terhadap internet dan kepercayaan terhadap orang tengah. Kepercayaan terhadap internet muncul sebagai faktor peramal penting kepada tanggapan risiko pengguna. Juga didapati bahawa tanggapan risiko menjadi faktor pencelah hubungan diantara kepercayaan terhadap internet and niat untuk menggunakan e-kerajaan. Kajian ini mempunyai implikasi yang penting bagi pengamal e-kerajaan, penyelidik dan pembuat keputusan yang berminat dengan pelaksanaan e-kerajaan.

Kata kunci: kerajaan elektronik, niat penggunaan, tanggapan risiko, kesedaran, pengaruh sosial.

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LIST OF ABBREVIATIONS

IS	Information System
IT	Information Technology
E-government	Electronic Government
E-commerce	Electronic Commerce
E-services	Electronic Service
E-intermediary	Electronic Intermediary
E-office	Electronic Office
G to G	Government to Government
G to B	Government to Business
G to C	Government to Citizen
ICT	Information System Technology
IU	Intention Usage
TRA	Theory of Reasoned Action
TAM	Technology of Acceptance Model
TPB	Theory of Planned Behaviour
C-TAM-TPM	Model Combined between TAM and TPM
DOI	Diffusion of Innovation
MPCU	Model of PC Utilisation
UTAUT	Unified Theory of Acceptance and use of Technology
PR	Perceived Risk
AW	E-government Awareness
SI	Social Influence
TI	Trust in Internet
TEI	Trust in E-government Intermediary



CHAPTER ONE

INTRODUCTION

1.1 Introduction

The current chapter offers an overview of the background of study, problem statement, the study objectives, research questions and the definition of key terms used in the current study. Then, this chapter provides discussion on the study's contribution. Lastly, the chapter includes a discussion on the organization of the remaining chapters.

1.2 Background of the Study

Continued globalisation and the Internet growth have prompted many countries to move towards increased use of the information and communication technologies (ICT). The transition to using digital systems is very evident, which in turn, has led to governments succeeding in achieving competitive benefit (Deakins & Dillon, 2002; Whitson & Davis, 2001).

In this context, governments have made huge investments to fully utilize cost-effective operational applications of ICT. This has been done to satisfy their stakeholders with improved, effective and transparent ways to interact with their government services using the advantages of online services (Brannen, 2001). E-government is a way for providing government services using online channels of communication for its citizens (Sharifi & Zarei, 2004).

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