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AN ANALYSIS OF CONSUMER ACCEPTANCE OF E-BANKING IN SRI LANKA

by

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Candidate Declaration

The work described in this research was carried out by me under the supervision of Dr.K.M.S.D.Kulatunga and a report on this has not been submitted in whole or in part to any university or any other institution for another Degree/ Diploma.

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Supervisor Declaration

I certify that the above statement made by the candidate is true and that this research is suitable for submission to the University for the purpose of evaluation.

Amy Dr. K. M. S. D. Kulatunga

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ABSTRACT

The rapid growth of technology enabled banks to offer banking services to the customers via the Internet. In Sri Lanka, most of the banks in the public and private sector provide Internet banking for their customers. However, despite the rapid development in technology in the banking sector customers are still getting themselves acclimatized to Internet Banking and thus the usage is low in Sri Lanka in comparatively to the west.

Research has been conducted in other parts of the world in regard to Internet banking and they have identified many factors affecting the Internet banking sector. However in Sri Lanka, there are only few research in this field and many of them have addressed the barriers of adopting Internet banking in the local context. Therefore, there is a research gap on identifying the factors affecting Internet banking usage in Sri Lanka.

The main objective of this research was to identify the factors affecting Internet banking usage in Sri Lanka. Further, to analyze the current situation in Internet banking and to investigate the acceptability of the conceptual model and also to suggest recommendations to improve the usage of Internet banking in Sri Lanka.

A literature review was conducted to find out the factors affecting Internet banking in previous studies and to analyze the current situation of Internet banking. It was uncovered that most of the previous studies have been based on the Technology Acceptance model. Perceived usefulness and perceived ease of use are the main factors used in the TAM model. Consequently, the conceptual model used in this study consisted of these two factors as independent variables. Further, four other variables (perceived self efficacy, perceived credibility, amount of information and Internet connection) taken from other studies were included as independent variables. The dependent variable of this model was the Internet banking usage.

In Sri Lanka, twenty two local and foreign banks provide Internet banking facility. The population of the research included all the Internet banking users in Sri Lanka. Among them 200 Internet banking users were randomly selected. A questionnaire was prepared to collect data and hypotheses were formulated in order to identify the relationships between the usage of the Internet banking and the independent variables. The statistical methods used for this research were factor analysis, correlation analysis and regression analysis.

Factor analysis confirmed that the questionnaire had correctly measured the independent variables. According to the correlation analysis it was found that the Internet banking usage was significantly correlated with perceived usefulness, perceived ease of use, perceived self efficacy, amount of information and the Internet connection. The ANOVA analysis confirmed that the conceptual model was statistically significant and acceptable. According to the regression analysis it was revealed that around 12.4% of the variation of Internet banking usage was explained by this model. This indicated that there are many other factors that affected the Internet banking usage.

Further, an exploratory factor analysis was conducted for the dependent variable and it revealed the existence of three factors. Based on their nature, they were named as check balance, fund transfer and investment.

1 Introduction

1.1 Overview of the Study

The rapid growth of technology enables banks to offer banking services to the customers via internet. As a result, the emergence of Internet banking took place globally. Adaptation to the new technology enables Banks to provide its services to its customers more conveniently and economically.

Few years back, it was mandatory to visit the bank to do banking transactions. Customers have to wait in long queues to perform banking transactions within the limited banking hours. Nowadays due to the emergence of Internet banking customers have the facility to perform banking transaction without visiting the bank. Since the Internet banking is available twenty four hours seven days a week banking transactions can be performed any time of the day.

According to Turban et al. (2002), electronic banking is where banking done via the internet or private lines. Banks offer Internet banking facility to their customers through their banking web sites. Customers have to sign up for online account. After the confirmation by the bank, they can log on to the Internet banking website by using the username and password. Consumers can perform banking activities from their home or other location.

Offering Internet banking, the banks can reduce their costs and increase their coverage around the country or worldwide because internet has no geographical barriers and if the customer has an internet connection, they can access to the banking via the banking