ADOPTION OF CLOUD COMPUTING IN HIGHER EDUCATION INSTITUTIONS IN NIGERIA

BY

JIBRIL SAHBAN IBRAHIM

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JIBRIL SAHBAN IBRAHIM

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ABSTRACT

The study examines the adoption of cloud in the higher educational institution in Nigeria. The nine variable were used to examine the adoption of cloud computing in order to make a decision by HEIs management in Nigeria to see the usefulness to adopt cloud as well as the benefit and significance on cloud computing. The nine factors were examined in this study there are: relative advantage, compatibility, complexity, trailibility, top management, firm size, amount of information, pressure coercive and quality of internet connection. This study was adopted innovation diffusion theory. Technological, organizational environmental (TOE) and technology acceptance model to explain the adoption of cloud computing in HEIs in Nigeria. Quantitative method was used to collect data by distributing the questionnaire to 200 people from higher education institutions in Nigeria. The finding in this study was used smart (PLS) to analyze the date which seven variable were supported and the three were not support to explain the adoption of cloud computing in higher education in Nigeria. this study was carried out in the higher educational institutions in Nigeria to adopt cloud computing, this study is limit on generalize the findings this study encourage the management in HEIs to make move on cloud computing to their education by a start from trailability to perceive the benefit on cloud computing this study is contribute to the higher educational institutions to try to adopt cloud computing as new technology to transform and seeing what way to benefit to their educational system. This study recommends to the management to support and make the decision to adopt cloud computing without their support no cloud computing adoption.

Keywords: cloud computing, technology-organisation-environment(TOE), innovation diffusion theory(IDT), technology acceptance theory (TAM)
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ABBREVIATION

higher Education Institutions

Innovation Diffusion Theory. (IDT)

Technological, Organizational Environmental (TOE)

Technology Acceptance Model (TAM)

Smart Primer on Partial Least Squares (SmartPLS)
CHAPTER ONE

INTRODUCTION

1.0 Introduction

This study will start with an introduction which is chapter also follow by background of study which will bring out what has been done, what has been known and what need to be done or available. Issues that face in HEIs in Nigeria will be the next which is problem statement which this study will explore on. Next is the research question and the objective of this research. Significance and scope of the study were followed lastly definition of terms and how the whole chapters will carry out which is an organization of the study.

1.1 Background of Study

Technology is everywhere in today’s life, world is changing and transform with new development and innovation in technology. Our life is used to technology to perceive new thing. There is new technology innovation that is going on around the world which can make changes to your life and feel comfortable with it. Among of new innovative technology that is increasing use around the world is cloud computing. Cloud computing is a metaphor used to describe networks. The term used to explain cloud computing means host everything that relating to delivery service over the internet. It is among the future generation which categorized into three platforms they are serviced of network, software and hardware that can spread out its usefulness to the user in anywhere they demand to (Manish et al. 2009). Cloud computing can be adopted in different field and different area such as health, education, government, organization and so on can adopt cloud computing to perceive changes to them directly or indirectly.

In this study, cloud computing will adopt to a higher educational institution in Nigeria, to explore how it will bring changes to some problem that were faced in education level in Nigeria.
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