

**MAKERERE UNIVERSITY BUSINESS SCHOOL
MASTER OF BUSINESS ADMINISTRATION**

COURSEWORK ASSIGNMENT

Course Name: e-Commerce

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GENERAL INSTRUCTIONS

This group assignment is aimed at helping you understand a topic on e-commerce that you are undertaking this semester. You are required to write while citing sources using the APA format. DO NOT COPY AND PASTE. Your work will be subjected to anti-plagiarism test and if found guilty, the university rules will apply.

The final product of this assignment is a publishable research paper. You will also present your paper during the lecture and be assessed.

This assignment carries 40 marks

Submit your full paper and presentation by 5:00PM Monday 14th, July 2024 via MBUSEP. Late submission will be penalized.

ARUA GROUP A

PAPER ON MOBILE PAYMENTS IN E-COMMERCE

A case study on Secure Mobile payments

Mobile Payment (M-payment) is a critical component in m-commerce applications. According to the Wireless World Forum, M-payment on mobile devices will provide excellent business in coming years (Jerry Gao, 2005). Payment systems can be used by wireless based merchants, content provider, information and service providers to process and support payment transactions. Thus, the study of mobile payments is crucial to the success of mobile commerce. Four properties are always considered essential for a secure transaction. These properties are authentication, confidentiality, integrity, and non-repudiation (Seema Nambiar, 2004). losely coined as CIA/N. *Authentication* is concerned with verifying parties' identities in a communication and confirming that they are who they claim to be. *Confidentiality* is about ensuring that only the sender and intended recipient of a message can read its content. *Integrity* is concerned about ensuring the content of the messages and transactions not being altered, whether accidentally or maliciously. *Non repudiation* is about providing mechanisms to guarantee that a party involved in a transaction cannot falsely claim later that she did not participate in that transaction (Seema Nambiar, 2004).

Introduction

Write three pages of literature review on the use of mobile payments highlighting the following

- The factors that influence the adoption of mobile payments

- How mobile payments impact traditional banking and financial institutions/services.
- What are the key security threats and the possible mitigations for secure mobile payments?

Methodology

Write two pages of a systematic literature review on secure mobile payments highlighting the eligibility criteria, search strategy, and reporting guidelines.

Findings

Present your findings on how mobile payments can be used securely in mobile and E-commerce transactions.

Conclusion and recommendations

Prepare a two-page conclusion and recommendations on secure mobile payments

References

All cited sources should be listed here using APA format

Presentation

Prepare a two hours PowerPoint presentation from your paper above