

Independent Study Title	Technology Acceptance Model for Biometric System in Banking Application
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Abstract

Under the high competitive market of the Banking Industry, each bank had to develop new technology to satisfy the customer needs in term of speed, quality, dependability, and flexibility aspects. Recently, many modern management strategies have been developed. However, one of the most important parameters for the operation management is the safety and security of the customer's database. Therefore, the technology that should be considered has to fulfill that requirements. One of the technologies that might be used for this application is the technology called 'Biometric'. It used the uniqueness of the human to create the identity, where those identities were carried along with the owner such as the fingerprint.

The purpose of this study was to study the acceptance of the biometric technology in banking application. The author used the Technology Acceptance Model (TAM) as the main framework for this study. By including the related parameters from the literatures, the questionnaires were developed in order to collect the data. The sample group was the employees of a company. The result of this study showed that the significant factors of biometric technology acceptance for banking application were Perceived Usefulness, Perceived Ease of Use, Attitude Towards using the Technology, Behavioral Intention, Security and Privacy, Personal Innovativeness and Technology Self-Efficacy.