ACCEPTANCE OF FINGERPRINT IDENTIFICATION (e-JARI)
AMONG SUPPORTING STAFF IN UITM SRI ISKANDAR, PERAK

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ABSTRACT

Fingerprints are one of many biometric identification approaches being used nowadays to identify individual and verified their identity. This study is conducted to investigate the effectiveness of fingerprint identification among supporting staff in UiTM Perak. The methods being used by researchers are through interview, questionnaire and observation. The researchers made appointment and interview staff and office personnel in UiTM Perak to obtain information regarding the fingerprint identification. Besides that, the researchers also distributed among the supporting staff and make an observation. Fingerprint identification is selected among other biometric device because it is cheaper compared to others. Besides that, human fingerprints are unique. Reliability of fingerprint identification device also contributes to the selection of fingerprint identification. By using fingerprint identification, it can provide higher security level, eliminate buddy clocking, increase productivity and simplify many aspects of work, improve punctuality, and eliminate cards thus there will be no recurrence cost. The researchers found that fingerprint identification give numerous benefits to the organization in order to achieve the organization goal. The researchers recommended that fingerprint identification should be applied among student of UiTM Perak.

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TABLE OF CONTENTS

CHAPTER 1
INTRODUCTION

1.1   Background of study

According to Li, Yang, & Niu (2006), biometric authentication refers to verifying individuals based on their physiological or behavioral patterns such as fingerprint, face, iris, etc. Meanwhile, fingerprint recognition or fingerprint authentication refers to the automated of verifying a match between two human fingerprint. Fingerprints are one of many biometric identification approaches being used nowadays to identify individual and verified their identity. As Ackermen and Ostrovsky (2006) stated, there are exist multiple algorithms that do fingerprint matching in many different ways. Some methods involve matching minutiae points between the two images, while others look for similarities in the bigger structure of the fingerprint.

Currently, fingerprint recognition is being widely used. This new technology replace the punch card system which being used to record the attendance of employee in organization. Fingerprints have been used in forensics for more than hundred years, and because the field of fingerprint analysis is so well-developed, fingerprint scanners are among the cheapest, most prolific, and most accurate biometric application today (Brass, 2003; Brownstein, 2004; Middlemiss, 2004; Clodfelter, 2010).