

Advanced Authentication Fingerprint System - AAFS

By:

Abdullah A. AL-Shehri Yazeed S. Al-Garni

Supervised by:

Dr. Salah M. Rahal

Abstract

Advanced Authentication Fingerprint System – "AAFS" is one of the best reliable and convenient systems in the authentication field. It is based on the fingerprint, which is unique for every person.

The system is network-based that allows the users authentication independently on the access point to the establishments. The display unit is microcontroller-based that allows giving the user information in real-time.

The system consists of two main parts: hardware and software. The hardware part includes Administrator Computer, Access Devices, Display Device and Local Area Network. The software part includes Main Functions, System Program and System Database.

Our goal is – WA Allhamdo LLAH – achieved: the system is now ready and it functions well.