

ATM with an IRIS

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Abstract

Security system the major aspect of today’s life. Security system growing up iris recognition is emerging as one of the important method of biometrics based identifications system. biometrics system have signification and identification playing an important role in personal, national and global security. Nowadays iris recognition is getting more popular in any area of security, in hospital to detect disease. Iris pattern is more stable with ages correctness and acceptability, uniqueness are major features of iris pattern due to its high reliability and near by perfect recognition rates recognisation is used in high security areas.

Keywords - biometric system, recognitn, uniqueness iris pattern

I. INTRODUCTION

A motivation technologies that exploit biometric have the potential for application to the identification and verification of individual for controlling access to secured areas or materials. A wide variety of biometric have been support of this challenge resulting system include those based on automated recognition of fingerprint hand shape, hand written signature and voice provided a highly cooperative operation these approaches have the potential to provide acceptable performance.

II. STRUCTURE OF THE IRIS

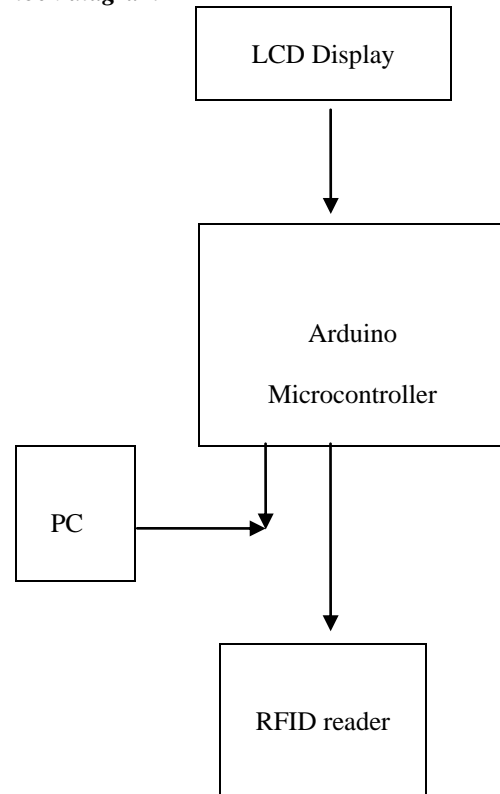
The first source of evidence is clinical observations. The second source of evidence is developmental biology There, one finds that while the general structure of the iris is genetically determined, the particulars of its minutiae are critically dependent on circumstances. Following adolescence, the healthy iris varies little for the rest of a person’s life, although slight depigmentation and shrinking of the average pupillary opening are standard with advanced age. Apparently, the first use of iris recognition as a basis for personal identification goes back to efforts to distinguish inmates in the Parisian penal system by visually inspecting their irises, especially the patterning of color

III. ATM SYSTEM

For the traditional ATM system customer recognition systems depend only on bank cards and passwords. For solving the bugs of traditional ones, the designs a new ATM terminal recognition system is designed. By using biometric system we can ensure the secure, safe, and improved system for banking.

IV. BLOCK DIAGRAM OF PROPOSED SYSTEM

A. Block diagram



Technical specification :

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Microcontroller	ATmega328P
Operating Voltage	5V
Input Voltage (recommended)	7-12V

Input Voltage (limit)	6-20V
Digital I/O Pins	14
PWM Digital I/O Pins	6
Analog Input Pins	6
DC Current for 3.3V Pin	50 mA
Flash Memory	32 KB (ATmega328P) of which 0.5 KB used by bootloader
SRAM	2 KB (ATmega328P)
EEPROM	1 KB (ATmega328P)
Clock Speed	16 MHz
Length	68.6 mm
Width	53.4 mm
Weight	25 g

V. CONCLUSION

We will develop an ATM method which provides on security to identify the conformation of process it is used in atm,it can be reduced the force f transection of extent . here, we will using 2d and 3d technology for the purpose of identification is very strong or conform it is another use of the another verification level of the process.

REFERENCES

- [1] Faune Hughes Daniel Lighter Richard Oswald Michael Whitfield "Face Biometrics: A Longitudinal Study" Seidenberg School of CSIS Pace University .
- [2] Bone, Mike, Wayman, Dr. James L., and Blackburn, Duane IEEE Trans. PAMI, 25(12):1519–1533, 2003.
- [3] Faune Hughes Daniel Lighter Richard Oswald Michael Whitfield IEEE Trans PAMI, 15(11):1148–1161, November 2014.