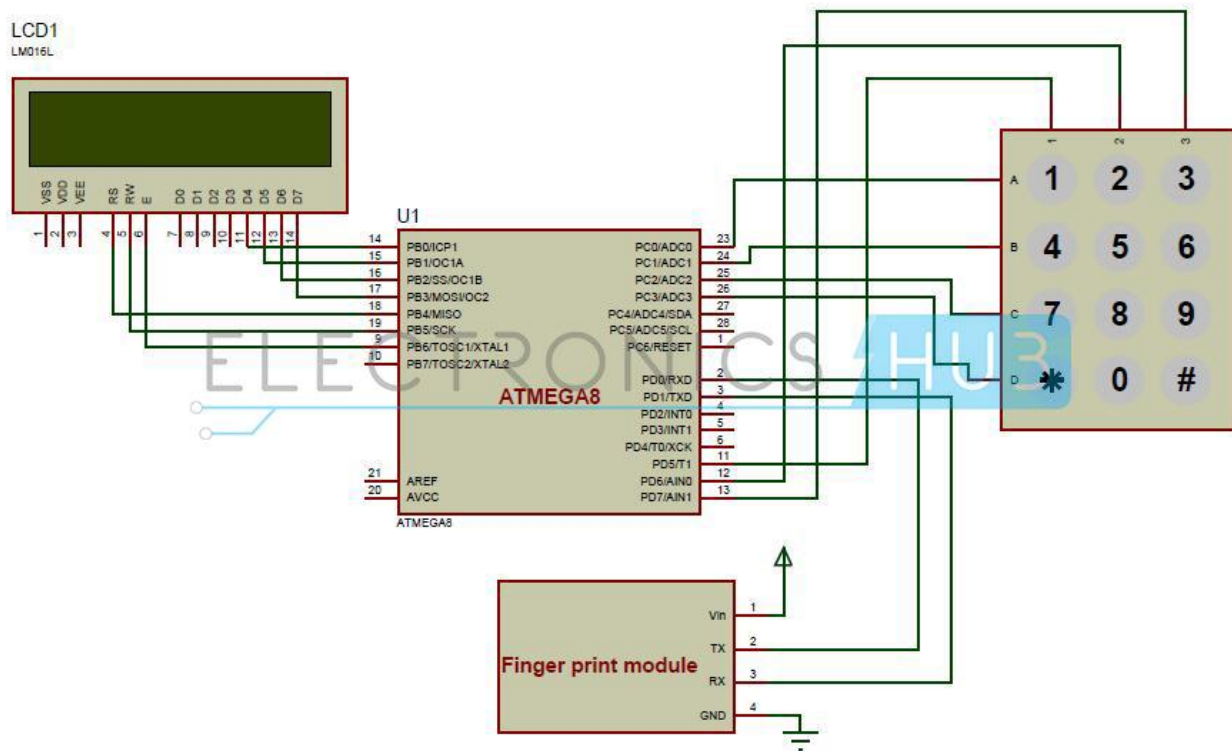# Biometric Attendance System Circuit

Block Daigram

Biometrics is the emerging technology used for identification. Biometric refers to automatic identification of a person based on biological characters such as finger print, iris, facial recognition, etc.

In this article finger print based attendance system is proposed.
Attendance in educational institutions, industries will require more paper work and time. To reduce this, automatic attendance system using finger print was developed. We also call it as Biometric Attendance System

The main aim of this circuit is to take the attendance and display when requested. Finger print identification is based on the fact that no two persons will have the same finger print in this world. Finger print module differentiates between two fingers based on the ridges and valleys on finger print.

Main heart of the circuit is finger print module. This sends commands to the controller when ever finger print is matched. Microcontroller receives these commands from the finger print module and uses the internal EEPROM to store the attendance. Keypad is used to send the requests to the controller either enroll the new one or to save the attendance or to exit.LCD display displays the messages related to the commands received.