Fingerprint Attendance System Using IOT

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Using IOT

Abstract

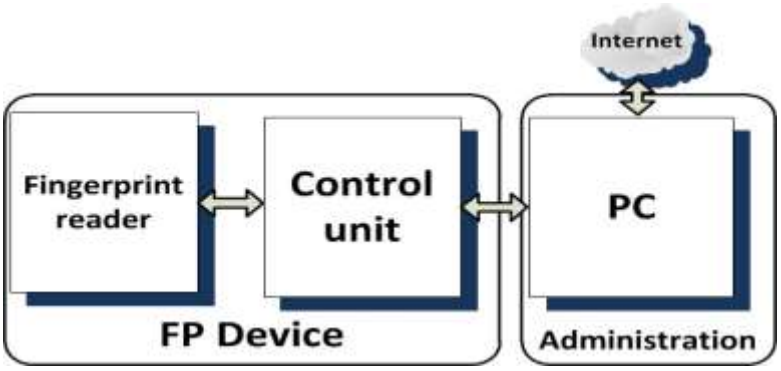
1. Introduction

Figure (1): System's Structure

2. Related Works

There are many of previous researchers have worked on students' attendance

3. System design and components



3.1 Fingerprint reader

3.2 Control Unit

3.3 PC

4. System Implementation

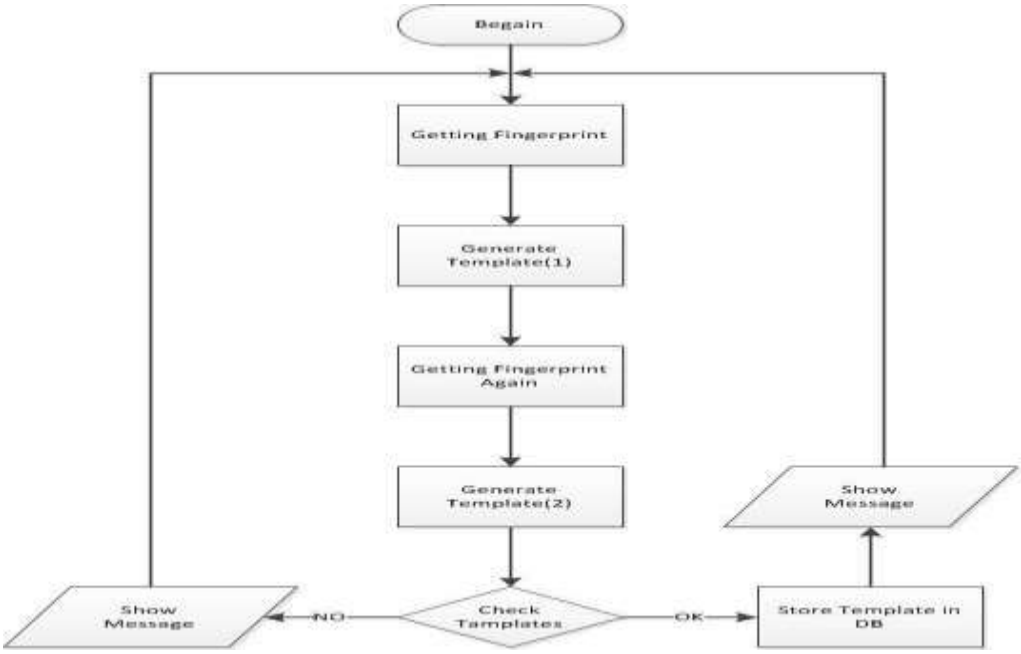
4.1 The Hardware

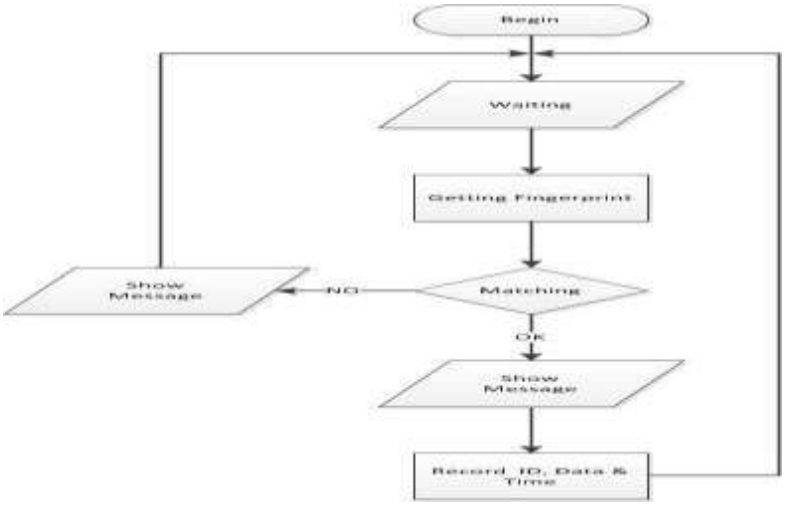
37

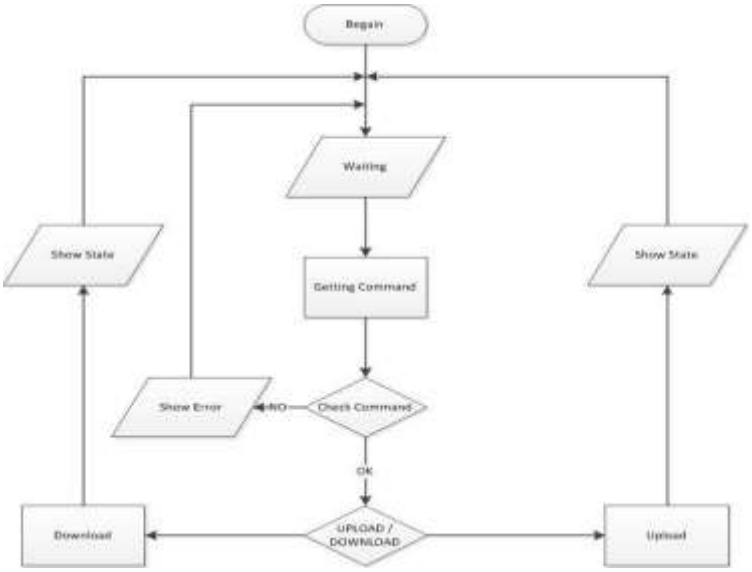
4.2 The Software

38

4.2.1 Flow Charts

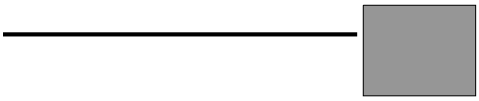

Begain
Getting Fingerprint
Generate Template(1)
Getting Fingerprint Again
Generate Template(2)
Check Tamplates
NO
OK
Show Message
Store Template in DB
Show Message


Begin
Waiting
Getting Fingerprint
Matching
NO
Show Message
OK
Show Message
Record ID, Data & Time


Begin
Waiting
Show State
Getting Command
Show State
Show Error
NO
Check Command
OK
Download
UPLOAD / DOWNLOAD
Upload

5. System Testing

Also, the system can review the student’s



6. Conclusion

7. References

. Shoewuand O.A. Idowu, “Development of Attendance Management System using Biometrics”, Pacific Journal of Science and Technology, PP. 300-307,

.P.Nimisha, Patel & Mona Gajjar, “Online Students' Attendance Monitoring System in Classroom Using Radio Frequency Identification Technology: A Proposed System Framework”, International Journal of Emerging