

# Mobile Fingerprint Attendance System

Rajput Avinashsingh G<sup>1</sup>, Ramani Bhavin R<sup>2</sup>, Prof. Ajaykumar T. Shah<sup>3</sup>

<sup>1,2,3</sup> Dept of Computer Engineering

<sup>1,2</sup> Alpha College Of Engineering And Technology

<sup>3</sup> H.O.D, Alpha College Of Engineering And Technology

**Abstract-** A Mobile Fingerprint Attendance System has many applications the main part of this application is that to fill attendance with the help of mobile fingerprint feature. Student and Faculties can fill their attendance through the mobile fingerprint. Without wasting much time in taking the attendance on paper in between the lecture. Students and teachers who have very low pitch voice and faces difficulty at the time of taking and giving the attendance can use these application for the ease of giving and taking attendance .In the large classrooms also no one wants to speak out loudly for the attendance. Other features are to view college activities , gallery of college events, getting notification, college circular and getting information about the college events, students profile and College Info.

**Keywords-** Mobile Fingerprint attendance, Fingerprint, Attendance system, Mobile attendance.

## I. INTRODUCTION

This Mobile Fingerprint Attendance System is an important application in terms of filling attendance rapidly and correctly. Without wasting much time in filling the attendance in between the lectures. It is eco-friendly because attendance can be filled directly to the database and there is no need of paper and pen. Students and teachers doesn't want to speak out loudly in the classroom for filling and giving their attendance.

Mobile Fingerprint Attendance System is an attendance based application by which user can fill there attendance easily. We made this application because there are many misunderstandings regarding the attendance.

There are many problems regarding the present attendance system like in large classroom students having low pitch voice doesn't speak out loudly at the time of attendance.

As per our research we have seen that places where the biometric attendance machines are placed there long line is formed always because of many number students and faculties And most of the times many students have to place their fingers twice and thrice but then also their attendance can't be filled and line was getting long and long so whether the student came at time or not their attendance can't be filled perfectly.

## II. LITERATURE REVIEW

Mobile Fingerprint Attendance System is an attendance based application by which user can fill their attendance easily. We made this application because there are many misunderstandings regarding the attendance.

Problems with the present attendance system are as follows.

- Large classrooms
- Student and faculty with low pitch voice
- Students seating on last bench
- Requirement of attendance register or requirement of paper and pen.



- Wastage of paper
- Time wasting because taking attendance in between the lecture or after the completion of lecture.
- Faculties want to stand in line for filling their attendance by fingerprint machine.



### III. WRITE DOWN YOUR STUDIES AND FINDING

In brief, our project is meant to solve the attendance problem for students and faculties. It is a time saving application by which there will be no wastage of time in between the teaching lectures. Faculties don't want to stand in line for filling their attendance. So there is no risk of absent for both faculties and students. Our main aim is to fill attendance with the help of mobile fingerprint.

This system will help students who have low pitch voice, studying in large classrooms and sitting on last benches. This application also helps faculties who want to stand in line at morning for giving their attendance.

Normally faculties want to take attendance on paper in between the lecture or after the completion of lecture so this app can help them for taking attendance. Students and teachers want to speak out loudly for giving and taking the attendance and those who have low pitch voice and sitting on last bench in a large class room faces difficulty at the time of attendance so this app can help them.

At the opening time of college faculties want to stand in line for filling their attendance so this app will help them for quick filling attendance. It is eco-friendly because there is no need of paper for filling the attendance so there is no wastage of paper.

### IV. CONCLUSION

Through this application genuine work has been carried out to give students and faculties better services implemented throughout the various stages of project. The app has been made in such a way that Students can fill their attendance easily and properly so that no one can miss their attendance. With the help of this application faculties don't want to stand in line for giving their attendance. No wastage of time in between the lectures and no wastage of paper so it is eco-friendly.

### ACKNOWLEDGMENT

We wish to express our heartfelt appreciation to all those who have contributed to this project, both explicitly and implicitly, without the co-operation of whom, it would not have been possible to complete this project.

We express our sincere thanks to Prof. Ajaykumar T. Shah, of Computer Engineering department, ALPHA COLLEGE OF ENGINEERING AND TECHNOLOGY for

their support and guidance for this project and care taken by them in helping us to complete the project work successfully.

This is to place on record our appreciation and deep gratitude to the persons without whose support this project would never have seen the light of the day.

We express our sincere thanks to faculties, Head of the Department, at Computer Engineering, ACET for extending their help.

Finally at the outset we would like to thank all those who have directly or indirectly helped us to accomplish our project successfully.

### REFERENCES

- [1] developer.android.com
- [2] JAVA Complete Reference
- [3] Software Engineering (Roger S. Pressman)
- [4] draw.io
- [5] Database System Concepts (Abraham Silberschatz, Henry Korth and S. Sudarshan)