# Attendance Register

**User guide for the Android Application**



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**Abstract**

Now a days, it is highly possible to adapt mobile computing in various applications. The portability, open source nature of smart phones and android development platform has made the development of application software for various environments as handy. Smartphone applications are resulted in paper less work, easy to use and time saving in nature. The wireless communication technology of smart phone enables the information transfer from the current client to remote database server, wherever the network range is available. The Attendance Management System is a mobile computing software application, which focusses on an activity or function, which is based on management information system of academic institutions. In this work, the systems functionalities are categorized as a group and the similarities in grouped functionalities are designed and developed with reuse of software components.

**PRODUCT DESCRIPTION**

The mobile computing and mobile based application processing are being popular in all environments and it is not exceptional to academic institution too. The conventional and traditional mode of attendance management system. Due to the nature of manual work, it is hard to perform the activities related to the management of attendance, when there is a need in taking reports of specific interest and there is a chance of committing error in recording the data and information on the records. This is the Android application for online attendance register. It has two types of users **ADMIN** and **FACULTY.** There is one default user type as admin where credentials will be provided to the admin. The top-level admin will create users at first, he can create of users such as faculty. Admin users can have access to whole application. Admin user can add student and faculty to the inventory, alter the data in the inventory. Admin user on adding the student details and faculty details it will be added to the database. When the faculty can create a class base report to the database which is included the student details, faculty can mark present and absent. In this application using SQLite database.

# USAGE REQUIREMENTS OF THE APPLICATION

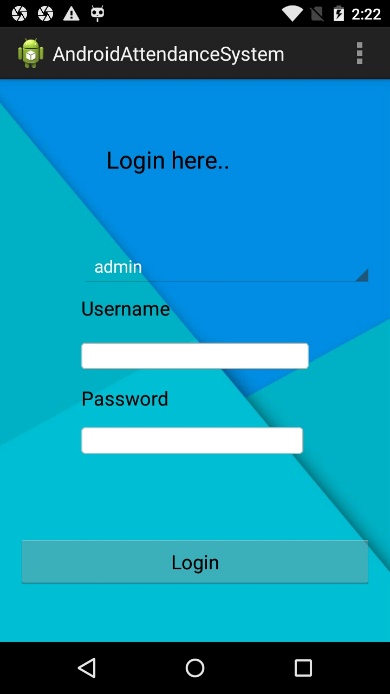
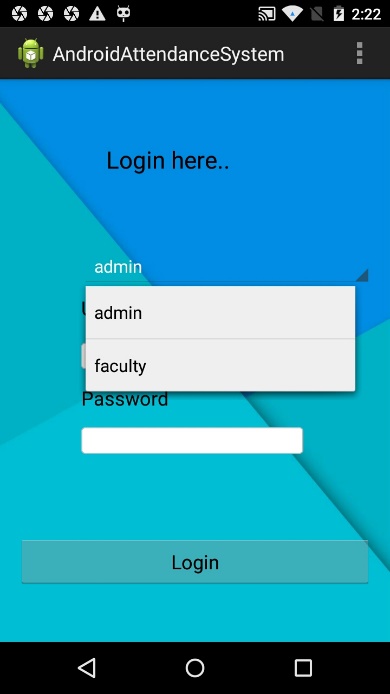
* + - Android Device for online attendance register.
    - Internet Connection for using the Application
    - Android device with latest version of Operating system

# PRODUCT USAGE SCENARIO BY USER TYPES

# Start page: college logo and start button. Press the start button.

# 

**Admin Login to the Application:** Enter the username and password

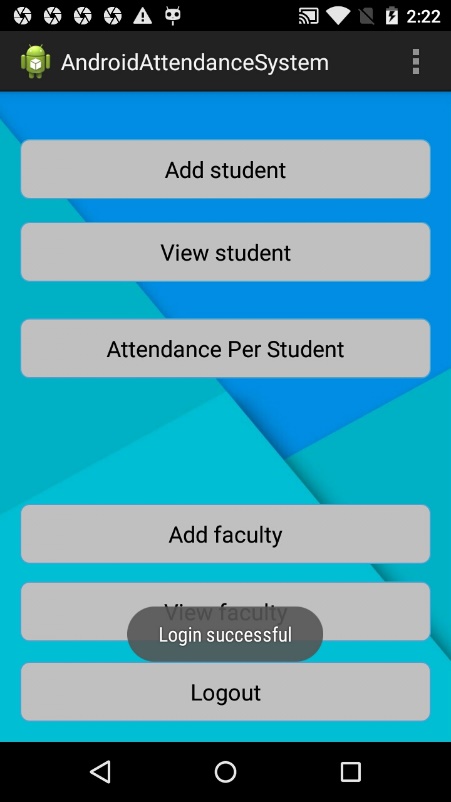
 

We have 2 login section admin and faculty.

Admin default login

**Username: admin and password: admin123**

This is **admin page** where all the access to the user admin will be give



**ADD STUDENT**: add student details.

**VIEW STUDENT**: we can see added student details.

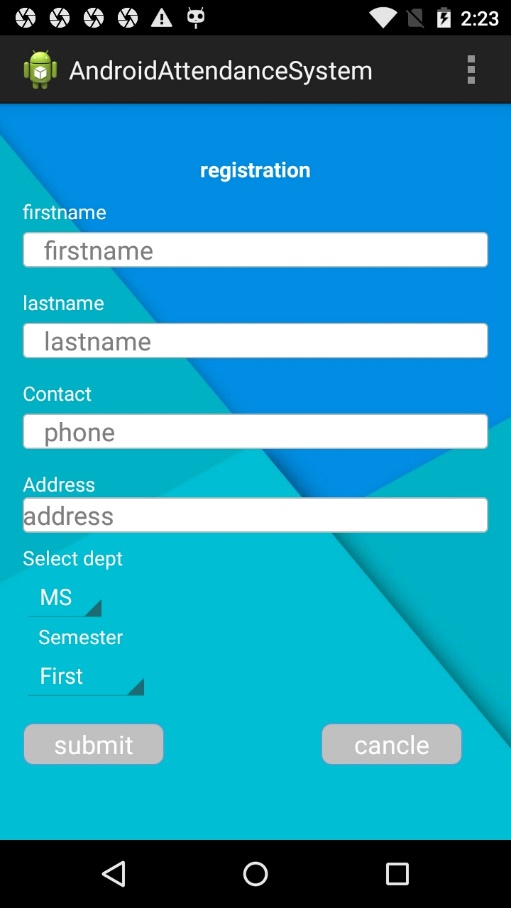
**ATTENDANCE PER STUDENT**: display the student attendance details.

**ADD FACULTY**: add faculty details.

**VIEW FACULTY**: display the faculty details.

**LOGOUT**: logout from the admin page.

Add **student** details



Add complete details about the **student** to the database.

**First name**: first name of the student

**Last name**: last name of the student

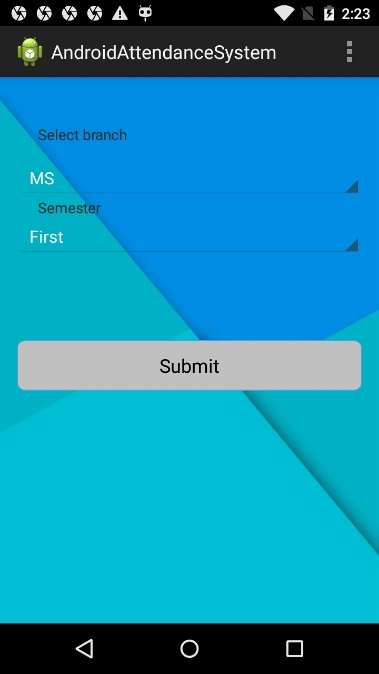
**Contact**: contact number of the student

**Address**: student residential address

**Select department**: here we can select student department (MS)

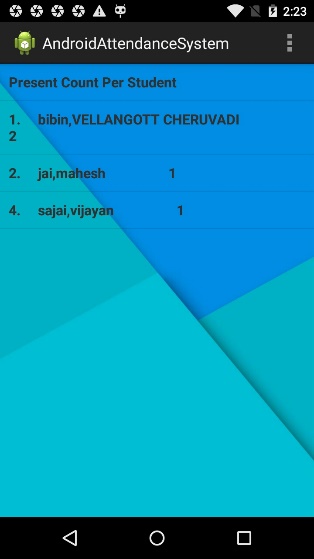
**Select semester**: add semester details (first, second, third)

**View student**



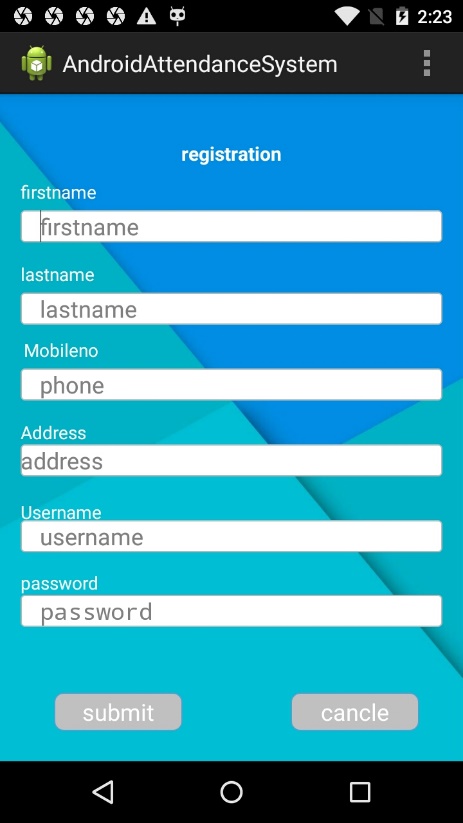
Added student details stored in database. her we can see the student details. Here it is sorted by branch base and semester base.

Attendance per student



Added student details stored in database. And see the complete attendance report of the student.

When the faculty button clicks on the **admin page** it results following:



Register faculty details

**First name**: first name of the faculty

**Last name**: last name of the faculty

**Contact**: contact number of the faculty

**Address**: faculty residential address

**username**: here we can create username to the faculty

**password**: here we can create password to the faculty

after that click submit button to store database.

When the admin clicks on **VIEW FACULTY** on admin page following page will results:



Added faculty details stored in database. And see the complete faculty details report.