



Academic Administration Control using Android App

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Abstract:

In the past few years Android has become one of the most powerful operating system. Android is popular operating system used for smart phones, it provides a user friendly environment. Android provides an application framework that allows user for building innovative applications and games. Android college management system is an android application which is helpful for students as well as department. In this project we propose an android app where students can view the results which contains students marks, average internal marks, attendance, seat allotment, class timetable and events of CSE department through a mobile App and notify the concerned parents and students. The proposed system has two modules: 1. Admin 2. Student. Here the notification will be sent to the student through app directly. Any new notice for a particular semester will be uploaded by Admin.

Keywords: Course, Notifications, Internal marks, Attendance, Seat allotment, Timetable.

I. INTRODUCTION

Education system forms the backbone of every nation. And hence it is important to provide a strong educational foundation to the young generation. The design and implementation of the system is to provide service in institute and colleges. Now a days we have a Android technology which plays a crucial role in education-related process which includes students, lectures and parents. Academic Administration consists of tasks such as registering students. Admin will collect all the information of the students and department, all data is stored securely on SQL servers managed by the admin. After collecting all the information, admin will update the details. First the students have to register by filling all the details, then the registration get successful. After registering the students can view all the information i.e. sent by the admin by using an Android App. The system decreases paperwork and time of the students. Previously, maintaining department records are done by manually. This system provides a easy way for maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily.

II. LITERATURE SURVEY

[1]. N. M. Z. Hashim and S. N. K. S. Mohamed, "Development of Student Information System" *University Teknikal Malaysia Melaka*, vol. 2, pp. 256 - 260, August 2013. The author has discussed about maintaining the records of students. All the information need to be known in order to provide information inside the software i.e useful in arranging the database. The main aim of our project is to implement an android app. We have to create two users one is an admin and second one is an student these two users are login after registering.

[2]. Agarwal R, Srikanth R, "Privacy-preserving data" *Andhra Pradesh, ACM SIGMOD conference of management of data. Texas, 2000.439-450. Vol.2, pp.2342-2348, June 2013.* This Paper is aimed at developing a college management system that is an important to either an education

institution or college the system is an intranet based application that can be accessed through a specified department. This system may be used for monitoring the attendance and marks of the department.

[3]. D B Heras, D.Otero, and F. Arguello, "An eco feedback system for improving the sustainability performance of universities," *In Proc. 2011 IEEE International conference on virtual environments space Human-Computer Interfaces and Measurements Systems, Ottawa, ON 2011, pp 1-6.* Android application is a JQuery mobile oriented application allows us to access whole information of the department, college, students, and lectures. This application provides a platform to manage college activities. Here we get the latest information about the students. Admin will manage will manage the account of student and make a report and update.

[4]. H. M. Weiland L. J.He, "Constructing the comprehensive academic affairs management system based on SOA," *in Proc. 2009 1st International Conference on Information Science and Engineering, Nanjing, Jiangsu, pp. 3261-3264.* The college management system is a an intranet based application that can be accessed throughout the specified department. This system may be used for monitoring attendance of the department. Student as well as admin logging may also access and can search any information regarding of department. This system can be used as information management system of the college. Student can access the system to know the information of the college

[5]. Vishwakarma R Ganesh "Android College Management System", ISSN: 2278-1323, *International Journal of Advanced Research in Computer Engineering and Technology (IJARCET) Vol 5, issue 4, April 2006.* Academic Administration Control is an Android application which is helpful for the students as well as colleges. In the existing system all the works are done manually it is very time consuming in our proposed system the students can view the result using android phones the data will be stored in college server. In This system the student has easy access for viewing

all the details of department and they are not permitted to update or change the marks. Other than this the advanced features are in case of notification to the students will be send from admin through the App directly.

III.EXISTING SYSTEM

In an existing system, the system which is used nowadays has some disadvantages which need to be improved for better performance. The views of each and every student are not expressed through these systems. Has the technology is developed day by day we need to use this technology so we can get an efficient result in proper time. Here the students need to collect the information from department or from lectures to know their internal marks and attendance. Any events are conducting in department, students can know by viewing the notice board. To overcome this problem we are creating an College Management Android App.

IV.PROPOSED SYSTEM

In proposed system, we are going to develop an Android App which is useful for students. In this App the admin will collect

all the information of the students and the department and if there is any change, admin will update. Here first the students need to register by giving the necessary details and should also mention their parents number. After the successful registration, the student can view all the details such as time table, seat allotment and any events of CSE Department and even the students can send the feedback to admin. Internal marks and attendance is sent to parents.

V.EXPERIMENTAL RESULTS

1. Admin:

Login: Admin can login with user name & password.

Manage profile: Admin can manage profile and update information of students and events of CSE department.

2. Student:

Login: Student can login with user name & password.

Manage profile: Student can view time table, seat allotment, internal marks and all the details of CSE department

VI.DESIGN

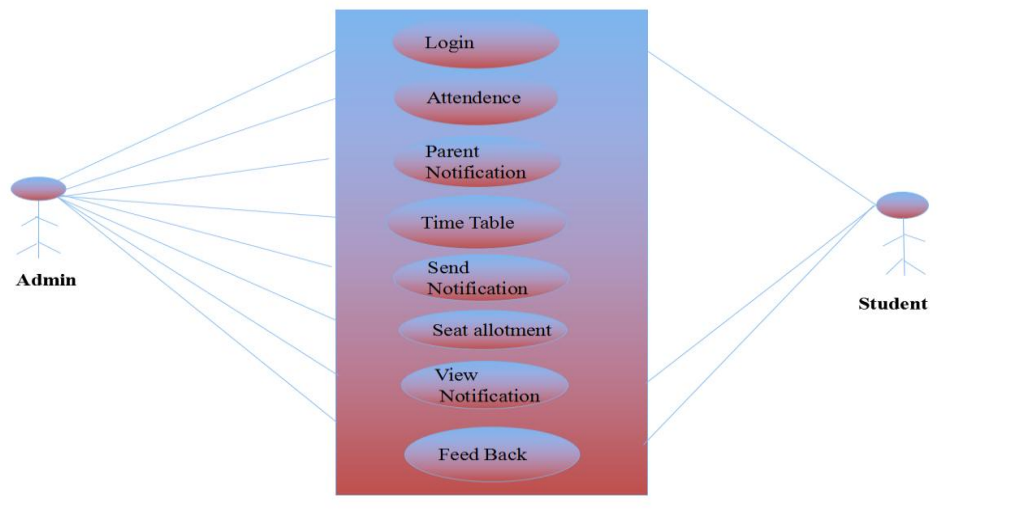


Figure.1. Use diagram

VIII. LOGIN

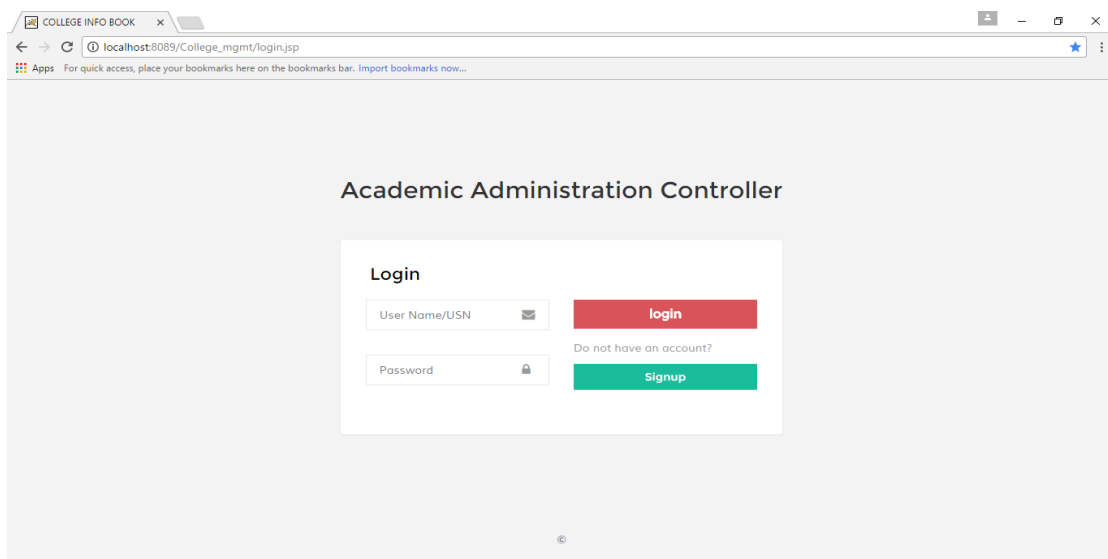


Figure.2. Login Portal

In the login portal as shown above, here the admin and student will login with their appropriate username and password. If the students has not register, they need to signup first with their required details to get register.

Advantages of proposed system

- The App has accounts for its user and admin with login username and Password.
- The App gives the information about the timetable, seat allotment before the examination, internal marks and attendance.
- The App gives the information about the lectures and which subject they are handling.
- The app gives the notification of events of CSE department.

VIII.CONCLUSION

The College Management System Mobile application developed using android technology. The application offers reliability, time saving and easy control and it provides appropriate information to students according to the chosen services. Also students can view the details, notifications anywhere and anytime. Our application certainly helps and it provides connectivity for students and college. The main advantage of this app is the students can easily view all the details of department so that the students can save their time. The proposed system provides the new way of computing and displaying operations with responsive and attractive user interface. It provide high security and the App reduces the work and resource required in existing process.

IX. REFERENCES

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