College Informative Application Using Android Device

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Abstract - The Era of Mobile Technology is increasing day by day and opens the windows to Android App. Mobile applications can be one of the best ways to keep consumers engaged with a brand as they are on the move. With the increase in demand of mobile phone and efficiency of wireless network. The main aim of this project is that the user can know about college and campus. Recently the notice, hand written manual, verbal message was spread among students by clerk. That’s why we are making the college informative app. In this app the student can see the college notice, events, placement requirements and physics, chemistry maths notes, MCQ’s and all notes of diploma student. The application will be used by students, teachers and parents. The core idea of project is to make it for institution and educational system. The users can write a review, see the reviews and invite a friend/colleague to share this application. Google Calendar where the user can mark an event.

Keywords - Android, Platforms, network, s/w h/w, activities, framework

I. INTRODUCTION

The Era of Mobile Technology is increasing day by day and the opens the windows to Android App. Now a days in college or institution the student get information by notices and verbal messages. By this college app the student can see the notices etc and notification. We are introducing the "Sandip.apk" the android application software. It gives us more comfort and better user interface. It will act as an overview of campus to non albertian like college history, departments, workshops, library etc majors events conducted.

Latest news about college got through notification. In this app we add the 10th,11th,12th students notes of physics, chemistry, maths and JEE,CET,NEET sample question paper etc and also the department information and sports, scholarship, cultural festival, placements etc. Special student login page and professors login page. In this app the student can see the information about the new value added courses. The college websites provide information but our app will provide information in easy way with internet connections.

This app is also a navigator. The application also makes it easy for the user to send out invitations to his/her friends/colleagues to join this college/campus and also mark the events in their calendar. It has simple user interface. Efficient security features provide data privacy and hence and increase their productivity.

II. HISTORY

Android, Inc. was founded in the Palo Alto, California on October 2003 by Andy Rubin. Rubin ran out of money. Google acquired Android Inc. on August 17, 2005, making it the wholly owned subsidiary of Google. Key employees of the Android including Rubin, Miner and White, stayed at the company after the acquisition. Google was planning to enter the mobile phone market with in this move. At Google, the team led by the Rubin developed a mobile
device platform powered by the Linux kernel. On November 5, 2008, the Open Handset Alliance, a consortium of technology companies including Google, device manufacturers such as HTC, Samsung and others unveiled itself, with the goal to develop open standards for in mobile devices.

That day, Android is the unveiled as its first product, an mobile device platform to built before the Linux kernel version of technology companies including Google, device manufacturers such as HTC, Samsung and others unveiled itself, with the goal to develop open standards for in mobile devices. That day, Android is the unveiled as its first product, an mobile device platform to built before the Linux kernel version 2.6. The first commercially available phone to run Android was the HTC Dream, released on October 22, 2007.

III. LITERATURE SURVEY

In today’s world the competition is increasing day by day. The college is doing advertisment about thier college but they are not show the real picture of college they show fake picture of college and they attract the student to take the admission in the college and without knowing how that college is that. To avoid Misunderstanding that problem we have made the "College Informative App" for student. It is android application that it will work on every android handset. This application provides you information about the college and campus.

Now days the college is printing many vouchers and banner of the college because of wastage of money the college app will do the publicity of college. The college is providing the messages by notice or mobile messages but the college app will send the notification of messages on app. They can also see the reviews of senior student about college, staff, departments etc. Now days all people are having the android smart phones. So we are establishing the android application for student which is helpful for student before reaching the place they will get well formed updates about the colleges.

IV. EXISTING SYSTEM

Now days the college can make their publicity with brouchers and banners. Different college event is also published by broachers so it is the wastage of paper wastage of money. Now a days the college share the notice and verbal message and it is send by peon. The college information and notifications are currently viewed though only official website. It is difficult to check the notifications through mobile phones and the notifications can only get by accessing the websites.

V. PROPOSED SYSTEM

The proposed system software which would be a miniature of our college application. The information and notification can be easily accessed by one touch on the android application. The application provides a live notification of college information and different events which are held in colleges. The application provide different question paper with model answer for the student. And this application provide the which value added courses are to be held it is only seen by the college app through live notification.

VI. SCOPE

The system is designed is economically with respect to the students and teachers point of view. The goal is to extract useful information from an unstructured data using the concept of information retrieval, filtering and secure random algorithms. To develop this College that can help the student to see the information about the college and campus through notification. Our basic approach attempts to develop a College Informative application using Android which can be used to make this process easier, secure and less error prone. More efficient information will be achieved through this system. To provide access to information related to college, departments notes, news and events on the go.

VII. DATA FLOW DIAGRAM

<Diagram>

Fig. 2 DFD 0 Level.
Fig.3 DFD1 Level.

VIII. ADVANTAGES
- Mobility and automation is added to the process of managing student information in an institute.
- The application will greatly simplify and speed up the result preparation and management process.
- Multiple algorithms working together to produce best results.
- The system is easy to deploy, safe with convenient operations.
- Access to authorized personnel only.

IX. DISADVANTAGES
- Designing the framework architecture for the system can be challenging part to make framework dynamic.
- The service servers can have their own technology to make it really secured.

X. SOFTWARE/HARDWARE REQUIREMENTS
1. Software Requirements
   - Operating System: Windows 7
   - Language: Android SDK, Java
   - Database: My SQL
   - Tools: Eclipse IDE, Android Plug-in for Eclipse
   - Technologies used: Java, PHP, XML.
   - Debugger: Android Dalvik Debug Monitor service
   - Server: XAMPP Server
   - Operating System: Android 4.2 or higher versions

2. Hardware Requirements
   - Processor: P IV or higher
   - RAM: 256 MB
   - Space on disk: minimum 512MB
   - Device: Android version 4.2 and higher
   - Minimum space to execute: 5.0MB

XI. FUTURE SCOPE
Currently the android application was working on offline devices now feature of android application works on online devices. The college app will utilize the feature for the college bus services. From direct app the parent also call the college and also navigate the map and also directly jump to the college official website. From this app you will take the chemistry, physics, math formulas. This application will give actual information about College to Student who is interesting to be part of our institute.

XII. CONCLUSION
The wide approach of studying android operating system may encourage the programmer to develop various applications. This application will give actual information about College to Student who is interesting to be part of our institute. The proposed system provides the new way of computing and displaying operations with responsive and attractive user interface. Thus, on the basis of literature survey and analyzing the existing system, we have come to a conclusion that the propose system will not only aid the automation to the college, but will also help to digitize the system and in turn help to deploy resources efficiently.

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