

Android Application For College Website (FAMTDROID)

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Abstract- In the previous system, all the information has to view in a hard file, or in a website. At the same time while searching any information it is too difficult to access and takes a lot of time to search the particular website. Hence, so as to beat this problem a smartphone based application using Android can be used to make this method easier, secure and less error-prone. More efficient information's will be achieved through this system. Android is an open source Linux based system developed by Google, and primarily aimed at mobile handsets and other portable devices. In short, we will be using them to achieve our day-to-day task. One application that falls into this category is the Android Application for College. This College application provides a wide range of useful information which split into several functionalities. These include academics, news, events, and all the college details. Users can install this application on their Android mobile to view all of these college details and make use it. In our proposed system, users can view results using Android phones. It gives more comfort and better user interface (UI)..

I. INTRODUCTION

Android application for college provides one attractive atmosphere where you can arrange the data about college easily. It is an application which is helpful for students as well as the college authorities. We have seen over the years that the process of updating and notifying students regarding events, exams, lectures, submission etc. is getting difficult although many technologies evolved and communication is easy, but lacking the need for teachers for updating each every student is difficult. The process is not only time consuming but also sometimes inefficient resulting in a wrong notification. Today, we need not have time to update or notify each and every student. Our project aims at designing a student and teacher system which could effectively notify every student. Notification is notified by admin and to avoid the spam. In this students and other authorities get all the information in their hand. The main principle behind the need of Institute. This software can help us to explore all the events happening inside the college. It can handle the details of events, results, department details and news etc. A smartphone-based application using Android can be used to make this process easier, secure and less error-prone. More efficient information will be achieved through this system. Android is an open source

Linux based system developed by Google, and primarily aimed at mobile handsets and other portable devices.

II. EXISTING SYSTEM

In the existing system, all the information does have to maintain in a hard file, or in the website. While searching any information it is too difficult to access and takes a lot of time. For an android application it becomes easy for any users than accessing a website. As this application gives one touch access to the user which make it faster. In application every user which have installed the application in their smart phone will get automatic notification which is not there in website..

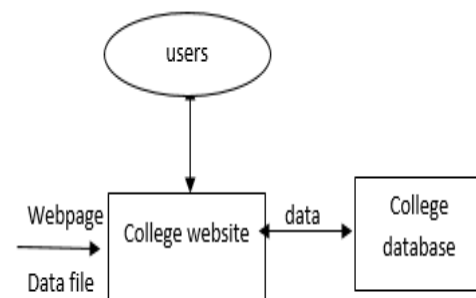


Fig 2. Existing system flow diagram

III. METHODOLOGY

In this project, we mainly deal with student and faculty members. The other user can also use the android application.

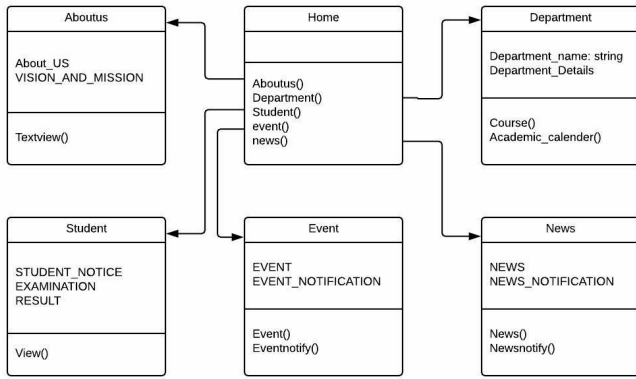


FIGURE2: CLASS DIAGRAM

III. PROPOSED SYSTEM

The proposed system is an application that is designed to manage and handle the operation of the college. The application introduces portability as it is used on a mobile device and can be carried anywhere. Since the application is used on a mobile device with Android OS, it improves connectivity between all users, thus helping the college to provide a more transparent system altogether. It is a useful tool that can be used by all the members from anywhere, at any time on an Android mobile device.

A. Advantages

- The proposed system gives a user.
- Friendly interface.
- No login.
- Functionality is easy.
- Easy to handle and feasible.
- Easy to operate.
- Fast and convenient.

IV. SYSTEM DESIGN

A. Flow diagram

Flow diagram is a graphic representation of the physical route or flow of people, materials, paper works, vehicles, or communication associated with a process, procedure plan, or investigation.

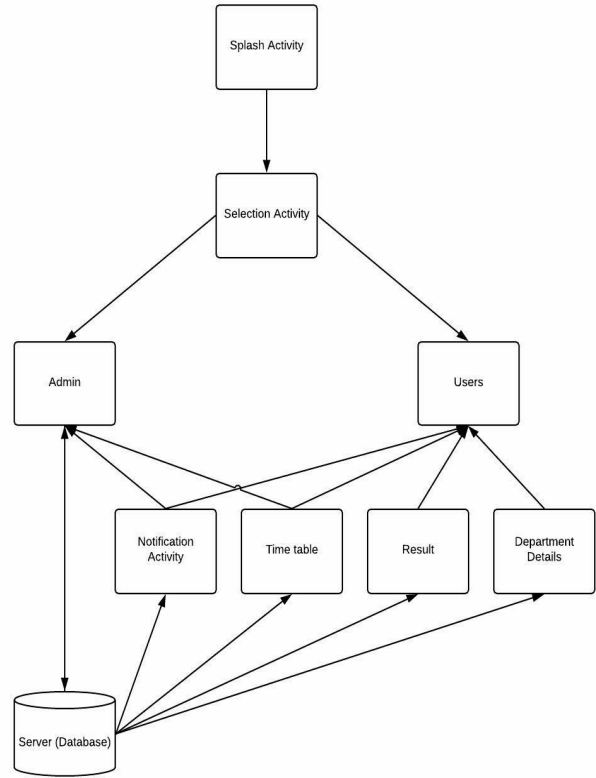


FIGURE2: SYSTEM BLOCK DIAGRAM.

B. Usecase diagram

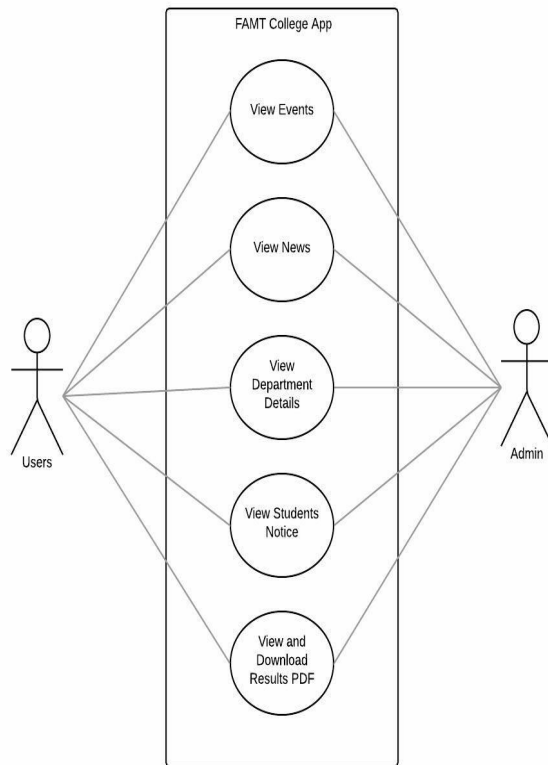


FIGURE 3: USECASE DIAGRAM

V. SYSTEM IMPLEMENTATION

Implementation of the project is a stage where the theoretical design is turned out into a working system. Thus it can be careful to be the most critical phase in achieving a successful system and in giving the user, assurance that the new system will work and be real. The implementation of the project involves careful planning, investigation of the existing system and its constraints on implementation, designing of methods to achieve changeover and evaluation of change over methods. This project will be the platform independent, i.e., project will run on any operating system. Because anyone can access the project and upload it for their use. The application is implemented according to a three-tier architecture. Three tier architecture is commonly known as Client-Server architecture, where Client is the consumer of the services, also the requester of services whereas the server side is the provider of services. The third layer is the middle layer that converts user's requests into server understandable form. The system developed contains Android application on its front end that is the client side.

VI. CONCLUSION

The project enabled Android Application based on College Website (FAMT DROID). The application provides appropriate information to users according to the selected services. Deployment of our application will certainly help the college to reduce unnecessary wastage of time in personally going to each department for some information. Aware and right information about the college is essential for both the development of the student as well as faculty. So this serves the right purpose in achieving the desired requirements of both the communities. Android application for college website over mobile devices is a very effective tool, which can be used largely. The application is portable and can be easily installed and used on any mobile phones supporting Android OS. The use of this application in a mobile can result in a reduction of the number of hours spent than in PC. It also provides an interface which is easy to understand by the users and greatly helps in adapting to the use of this application. An Android- based mobile application for college offers reliability, time savings and easy control. Not only the institution members but also the other users can also view the college details through this application.

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