

Survey Paper - Online Android Notice Board for Education Society

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Abstract: Now a day's technologies are increasing and every person is using smart phones but to use it more smartly this idea of digital app that is digital notice board will be helpful. As we know that notice board is mandatory in each college or we can say institutes but in present in institutes a clerk have to go to notice board and then stick that notice on board when students pass through notice board they have to stay there to read notice which is very time consuming and due to which notice board area is totally surrounded by students which creates disturbance. So to avoid manual work this project will helpful by which student get notice any time through this one app.

Keywords: Android app, Digital, Notice- board, Network, Smart phone.

I. INTRODUCTION

The android app for college notice board is better idea to provide every notice digitally in effective way.

In present, notices are provided or displayed manually by hand written, due to which time is wasted and manual work is also increase. To make this present scenario easy this type of system should used by which students can see notice any time anywhere on mobile.

For this app development android studio is required, WAMP server is required. Android is an operating system for mobile devices which is developed by the open Handset Alliance led by Google.

This android app helps to share the college campus activities, provides updates to students of their respective departments, notice regarding the placement activities, etc.

II. LITERATURE REVIEW

Dadape Jinendra R proposed the android mobile application called MOBILE-CAMPUS, by which users can get information about landmarks of a university campus and it guides the students to find any place location in campus. To develop this application they have used java programming language, which is used for android platform applications [1].

Zirra E proposed an online application for the Training and placement department. This System meant to give more easiness to the users that they can add and retrieve information so quickly. Once you open this web application at the front end all the schedule/event are available to everyone. Also in the every current student login this schedule/event are available. Students on placement will also use the system to read important announcements, to obtain information on assessment, to see the results of assessments recorded in the system [2].

Biennial National Conference on Nascent Technologies proposed the application where student can get the information such as displaying notices, results, attendance timetables, etc. With the help of this application, not only

students can access the information from a remote place but also can avoid the inconvenience of travelling all the way to the institute. This system will benefit the students and help them utilize time effectively. At some colleges certain data is passed onto the students using SMS facility. But this transfer is only on the side of college. It doesn't take into consideration which information is needed by which student and at what time. Also the delivery of the SMS to the students is based on the student's mobile network. The college website which partially displays the information is heavy and requires flash, java, shockwave player and more time for loading content [3].

Disha Kamath M proposed the android application called canIS Android for College Notice Board, in which the notices are displayed on app having many modules [4].

From these above systems our system will be better because updating will be faster, security is more due to which no one have access to modify the notice board app only admin have that authority to modify this app.

III. SYSTEM OBJECTIVES

This app will consist of following modules:

- Staff module.
- Student module.
- Branches.
- Logins.
- Registrations.
- Approvals.
- Enrols.

In this app the frontend is android studio and backend is SQL database using WAMP server.

The first page is welcome screen. After some time it will automatically remove and next page will displayed having two buttons STAFF and STUDENTS.

Clicking on staff two fragments will opened i.e. LOGIN and REGISTER. Firstly each staff have to register by

providing correct information after submitting information it will be approved first by principle because any one can fill the information but principle knows that who is staff of the college so after approval only registered staff will login otherwise not approved one get message of unauthorized access . If login is successful they got message of successful login and they can upload any notice easily and they can update notice as they want. Clicking on student's buttons having branch names will display then students can click on particular branch and he/she can easily see the notice related to him/her. On same page there is also one common notice button after click on it student can see the common notice displayed for whole campus.

The staff registration information is saved in database. All updating will save in database.

In this students have to enroll ones not every time only first time because to check the candidate is student of that college or not. Once it is approved that he/she is student of the particular college then he/she is able to use that app.

In this project there are tables for staff and student, staff information is saved in that, then login table fetched information is saved in that, then approval table for making a record of approved staff, then student table, then branches table.

Procedure of app:

- Download the apk file first.
- Install it properly.
- It starts functioning easily.

Function of app is display the notice any time not only in college hours.

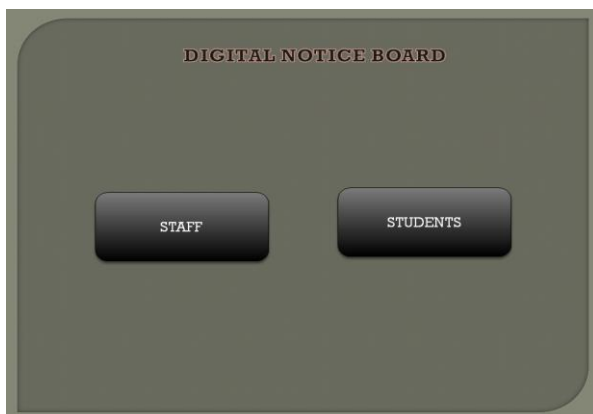


Figure 2: Main Page of app.

This fig.2 shows the main page of app. It is user friendly app.

There is admin account also who is authorized to make changes in this app.

It is necessary to have this app for all students, staff members, HOD, Principal of a particular college.

In this project there is no use of LED's or LCD displays. By using these type of elements there are also digital

notice boards but using connections so there is no need of connections.

IV. FLOW DIAGRAM

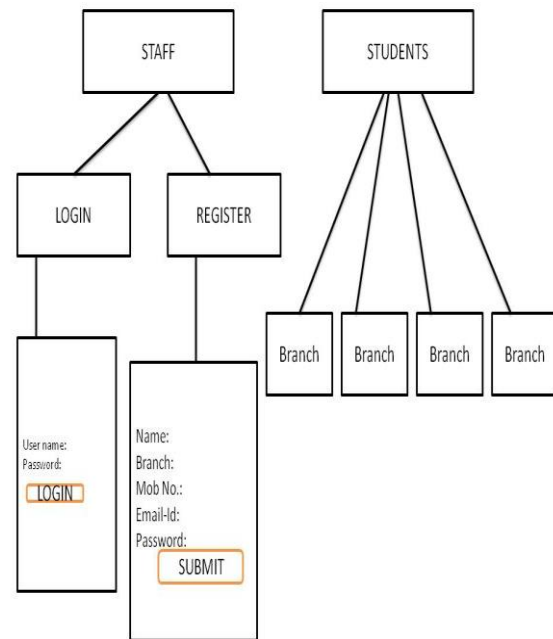


Figure 3: Basic Model Design of App

This above model shows that there are mainly two modules students and staff. Whenever click event is occurring on staff the next will come to registration, after registration login.

Login form consists of username, password very essential to remember.

Registration module has fields like name, branch in which they teach, mobile number, email id, password. Clicking on submit button transfers this filled information into database table.

In staff module after successful login upload notice page on which staff will put notice and they can do updates.

In students module there are fields of different branches on clicking them one can read notice as per branches, otherwise there is one common notice button is in bottom on clicking common notice for whole college will be displayed.

V. APPLICATIONS

- Reducing manual work: As this is an app So there is no need of doing manual work to paste notice manually on any wooden board.
- Saving of time: Students can read notice any time anywhere by saving their time.
- Easy updating of information: On the click of button notice will be easily updated.
- Saving papers: No need to waste papers by printing notice on it, there may be chances of mistake and it remember after printing and again printing means waste papers. So by use of this app will save papers.



e. Increasing digital Technology:
With use of app we are contributing something to digitalization.

VI. FUTURE SCOPE

- a. All platforms:
It can be easily implemented on all platforms.
- b. Rights to user to share and exchange information:
Using app smartly user can share and exchange information fast.
- c. Provide facility of notification on email:
In future it will also possible that notification on email will be sent through app.
- d. Office use:
It will also use in offices by providing more facilities.

VII. CONCLUSION

The main aim of this application is to reducing hand work that is sharing of information only with single click. Through this application students are getting updated information in their hand palm by using this app in their smart phones. Smart phones will be more advantageous when user will use this kind of useful apps to save time.

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- [6] Android. [Online]. Available: <http://www.android.com>
- [7] Aryans android app is an online application developed by 4 girls of Aryans College of Engineering. Notices intended for students belonging to the college will be uploaded in student's login. This has eliminated the need of notice board in the college. All the official notices will be uploaded in the staff login.
- [8] I-Notice Board Amroli College an online application which gives instant notification, easy to download syllabus, notice. It also contains Suggestion box and complain box.