



Developing an Application for College Using Android

P.Selvakumar^[1], E.Vijay^[2], Mrs.M.Jayanthi^[3]

Student, Department of Computer Science and Engineering, Agni College of Technology, India^{1,2}.

Assistant Professor, Department of Computer Science and Engineering, Agni College of Technology, India³.

ABSTRACT

A Notice Board is a place where university or college management can place the message official about exam, classes or any important news. Notice boards are often made of a material such as cork to facilitate addition and removal of paper messages or it can be placed on digital devices such as computers, phones or mobile devices. So management can leave and erase messages for student and staff to read and see. The main aim of this paper is to make information dissemination much easier in a paperless community as the world tends to graduate into that line of interaction to develop the Notice Board facility as an application, for use in college administration. This paper is about the implementation of ENB to the college administration system. The campus in focus is all the professional colleges which includes various departmental notice boards as well as other related notice boards. This work generally intends to act as a support system for the existing method by which notices are being posted in the ENB web application.

1 INTRODUCTION

Many state-of-the-art and cutting-edge universities in the world rely on wooden notice board hanging on the wall to display announcements. The overreliance of this practice in an university is still not enough to pass relevant information around as many problems are encountered. We consider the case study of professional Colleges, where information is a vital key for knowing the updates of the campus. The goal of this paper is to provide the



access to notices and articles quickly not only within the college premises, also wherever and whenever they need to know. Also it looks at the development of the existing notice boards, making it run by the internet access so as to increase the rate at which relevant information is being disseminated to the public with no location restriction. The major strength of the smart phone application notice board developed, which is an online web application is that, its usability is fully capable of passing relevant notices and announcements, and keeping the users updated from time to time. Also the users can view the notices and articles anytime and from anywhere by opening the smart phone application notice board which is available online and this makes our project highly efficient and effective.

2 EXISTING SYSTEM

In college or university, details of exam, hall number(room number) and details about exam will be displayed(placed) in wooden board or similar to that.. The main disadvantage is Location dependent. Difficult to find data

3 PROPOSED SYSTEM

Allow the student and staff to get the details about exam time table and room number without any particular location. The features in this system are Location independent. And easy to find data (student or staff)

4 SYSTEM IMPLEMENTATION

4.1 Login& Registration

In this module, we have three types of users, namely admin, staff and student. Each user should has some rights and conditions, on that we have design to develop login and signup screen. Android used xml to develop classical screens in our application. The modules describe signup page contains email id or user name, password and conform password those kind of details should be stored in database. Login screen contains user id or username and password and user type when the user to login the app it should be retrieve the data to the database and combine based on user input if its match user name, password and user type to allow in the app otherwise it gave an alert and show a message to the user.

4.2 Database Creation

Userid (Registered Number) or user name, password and user type (Student, staff, admin) have been stored after registration. Android used php function to store the data in mysql database and fetching user application details.

4.3 ADMIN

4.3.1 TIMETABLE ALLOCATION

In this module, admin has insert the details of exam time table like data of exam, name of exam, subject name, code name, branch name, semester name.

4.3.2 ROOM ALLOCATION

In this module, admin has insert the details of exam hall(room) like data of exam, name of exam, room number and student registered number, student branch, student semester number, student subject code who are allotted on that room.

4.3.3 STAFF ALLOCATION

In this module, admin has insert the details of exam hall(room) like room number, time of exam, name of exam, staff name and staff.

4.4 STAFF

4.4.1 ROOM VIEW

In this module, staff can view the information of exam hall(room) like exam name, time of exam and room no.

4.5 STUDENT

4.5.1 TIMETABLE VIEW

In this module, student can view the information of exam details like name of exam, date of exam, time of exam, name of subject and subject code.

4.5.2 ROOM ALLOCATION

In this module, student can view the information of exam hall(room) details like name of exam, date of exam, time of exam and room number.

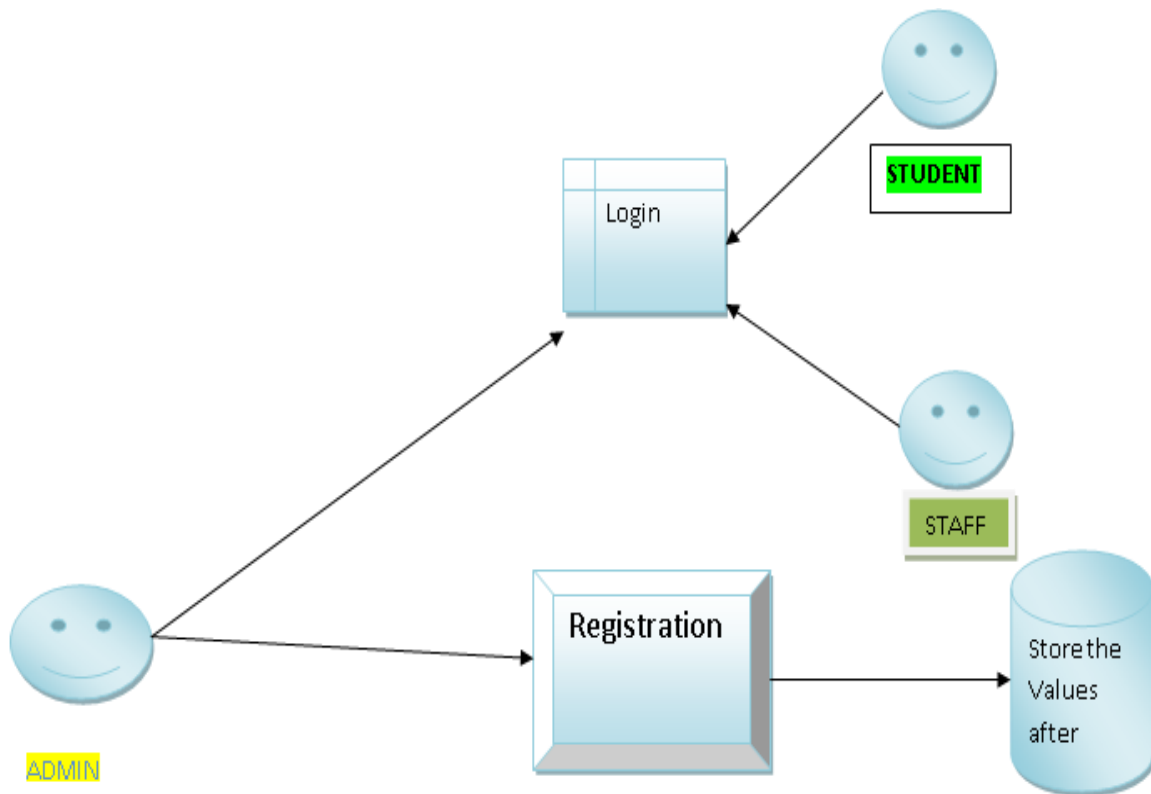


Fig 1 System Architecture

5 SYSTEM ARCHITECTURE:

The purpose of the architecture diagram is to represent the type of software architecture that is used by the system, to describe the various hardware and software components that are used for the system implementation.

6 CONCLUSIONS

The deployment of our smart noticeboard mobile application brings an advanced means of passing notices around in the College Campus. It has the capability to disseminate notices in a simple and well organized manner compared to the existing paper - based wooden notice board system. With the use of the smart e-noticeboard, human traffic will be reduced at notice board locations since information on notice boards can be accessed electronically on smart phones. In addition, people will be able to view multiple posted notices from anywhere and at anytime with the help of smart phone.

7 FUTURE ENHANCEMENTS

For future work, we plan to users can get notification anytime in smart phone application notice board application which is available online and this makes our project highly efficient and effective.

REFERENCES

- [1] Yuying Jiang, Zhan Huang, Zhanhong Huang “ Design and Implementation of a General Web-based Course Teaching Management System” DOI: 10.5815/ijeme.2012.11.01
- [2] Vishal S. Deshmukh, Saurabh M. Titre, Salim A. Chavhan, Shyam D. Bawankar”Design and Implementation of Multiple LED Notice Boards by Using ZIGBEE Technology” ISSN:2319-7242 Volume 4 Issue 2 February 2015, Page No. 10282-10285.
- [3] Nallaparaju Venkata Kalyan “GSM based smart message display board” Volume 3, Issue 12, December -2014 77 ISSN 2278-7763.
- [4] Mr. Nilesh Rathod, Dr. Seema Shah, Prof. Kavita Shirsat” An Interactive Online Training and Placement System” Volume 3, Issue 12, December 2013 ISSN: 2277 128X.
- [5] Jadhav Snehal Balasaheb¹, Supekar Bhagyashri Sitaram², Wakode Vrushali Khushalrao³, Vasaikar Nikita Ashok, Mandlik Priyanka Bhausaheb⁵” Web Based College Admission System” Volume 3, Issue 1 | ISSN: 2321-9939.
- [6] Mobile application tools for learning and quiz based on Android to ISBN: pp: 543-547.
- [7] S.R. Bharamagoudar¹, Geeta R.B.², S.G. Totad “Web Based Student Information Management System” Vol. 2, Issue 6, June 2013 ISSN.
- [8] Ajinkya Gaikwad, Tej Kapadia, Manan Lakhani Wireless Electronic Notice Board
ISSN (Print) : 2319 – 2526, Volume-2, Issue-3, 2013.
- [9] Li Dan Cheng; Xiao Cheng Wang, "Mobile application tools for learning and quiz based on Android," in Educational Media (ICEM), 2013 IEEE 63rd Annual Conference International Council for , vol., no., pp.1-1, 1-4 Oct. 2013.
- [10] A mobile live video learning system for large-scale learning system design and evaluation Issue No.01 - January-March (2010 vol.3) pp: 6-17